

1876.

QUEENSLAND.

FIFTEENTH ANNUAL REPORT

FROM

THE REGISTRAR-GENERAL

ON

VITAL STATISTICS.

Presented to both Houses of Parliament by Command.

GENERAL REGISTRY OFFICE,
BRISBANE, 31ST DECEMBER, 1875.

TO THE HONORABLE THE COLONIAL SECRETARY.

SIR,

The number of Births, Deaths, and Marriages, registered in Queensland for 1874, having been already published by command, as a Preliminary Statement, I have now the honor of submitting to you the completed Tables constituting the Vital Statistics for the year.

The full detail of the particulars of the registrations is found in Appendix A, attached to this Report.

The Registry Districts into which the Colony is divided, were the same in the period under review, as in the previous year. A Return of these, numbering 41, with the names of the District Registrars, is contained in Appendix B, hereto.

Appendix C gives Meteorological Observer's Report, Meteorological Tables, and Index thereto.

In presenting these Tables, which have been prepared by the Deputy Registrar-General in the usual way from the records of the Department, I beg to offer some brief remarks upon the information they contain, and to subjoin some additional Tables presenting this in a more condensed form, for the public convenience.

The unsatisfactory nature of the territorial divisions of the Colony for the various purposes of Government, has been dwelt upon by my predecessor in some of his Reports, in alluding to the utter confusion and want of system they exhibit, and the great and increasing inconvenience arising out of this want of correspondence; the Police Districts, the Electoral Districts, the Registry Districts, and the Census Districts being all different.

After a fresh formation, or re-adjustment of the boundaries of a number of the Census Districts in preparation for taking the Census of 1876, a plan has been submitted specifying boundaries of several new districts rendered necessary by increased recent settlement. This has necessitated a re-adjustment of the boundaries of other districts; and as a step towards the uniform territorial division which is so desirable, the new and altered Census Districts have all been made to correspond with the Police Districts.

It is of the greatest importance, for obvious reasons, that the Registry Districts and Census Districts, especially, should be the same, and the Deputy Registrar-General has been requested to report on this, with a view to recommending that this should be at once effected by re-proclaiming all the Registry Districts, their boundaries being made identical with the Census Districts as now re-adjusted. It is evident that no material difficulty will be encountered in effecting this change, the immediate adoption of which is therefore now recommended.

Coming now to the consideration of the Tables, it may be well to explain that, for statistical purposes, the mean population is generally taken as the basis of calculation, and that this is estimated simply by adding the numbers of total population at the beginning and at the end of the year, and taking the half of the sum. The estimated mean population of the year under review is 155,103.

The first of the appendices, No. 1, is a synoptical table of the Vital Statistics, from a period prior to the existence of Queensland as a separate colony, and extending over nineteen years, from 1856 to 1874 inclusive.

The first division of this synopsis gives the population on the 31st December of each year, its increase, numerical and centesimal, and the proportion of the sexes. The second part presents mean population each year, and its numerical and centesimal increase. The third division shows the Births, their proportion to mean population of each year, and their numerical and centesimal increase. The fourth exhibits the Deaths under the same arrangement. The fifth states the infantile mortality in the same way. The last part of the synopsis gives Marriages, their increase or decrease, and their proportion to population of each year.

To begin with the basis of these estimates :—

POPULATION.

The population has increased during the year from 146,690, the estimated population of 1873, to 163,517. We have, therefore, added 16,827 to our numbers in the twelve months ending December 31st, 1874.

The ratio of increase over the estimated population at the end of 1873 has been 11·47 per cent. This is a higher rate than has obtained before since the year 1865. It consists, first, of the natural increase, that is, from excess of births over deaths; and secondly, of increase from arrivals by sea in excess of departures in the same way. The excess from births over deaths numbered 3,589, that of immigration, 13,238.

The natural increase during the year was at the rate of 2·44 per cent., and the increase from immigration over emigration, was in the ratio of 9·02 per cent.

Proportion of the Sexes.—The number of persons constituting the population at the end of the year in review consists of 97,860 males, and of 65,657 females; the proportions for the previous year being—males, 87,154, females, 59,536. The increase of males in 1874 has therefore been 10,706; that of the other sex, 6,121; in the ratio of 12·28 males and 10·28 females.

It is no doubt much to be regretted that the disproportion between the sexes, which has obtained from the first, should still remain unaltered. The following table shows that there has been little fluctuation, and little or no improvement in this respect:—

A.

SHOWING the PROPORTION of FEMALES to 100 MALES.—RETURN for FIFTEEN YEARS, 1860 to 1874.

Year.	Males.	Females.	Proportion of Females to every 100 Males.
1860	16,817	11,239	66·83
1861	20,811	13,556	65·09
1862	27,186	17,891	62·14
1863	37,579	24,061	64·03
1864	45,516	28,520	62·66
1865	53,316	34,488	64·69
1866	57,307	38,894	67·87
1867	59,836	40,013	66·87
1868	65,843	41,584	63·12
1869	66,571	43,326	65·09
1870	69,629	45,938	66·29
1871	74,622	50,524	67·70
1872	79,618	53,935	67·74
1873	87,154	59,536	68·31
1874	97,860	65,657	67·09

It may be remarked that though the disproportion of females is larger than in some of the other colonies, this would soon be remedied by the natural increase, but for the large yearly immigration, tending to increase the evil from its great disproportion between males and females. The law almost universally operating to equalise the sexes is thus interfered with. The natural increase tends to correct the disproportion, the number of males and females born being nearly equal. It would seem most desirable that by means of an increased immigration of females, the disproportion between the sexes should be lessened.

The following Table shows the increase of population by excess of births over deaths, and by excess of immigration over emigration in the fifteen years from 1860 to 1874:—

B.

SHOWING excess of BIRTHS over DEATHS, and of IMMIGRATION over EMIGRATION.—RETURN for 15 Years, 1860 to 1874.

Year.	Population on the 31st December.	EXCESS OF BIRTHS OVER DEATHS.				Year.	EXCESS OF IMMIGRATION OVER EMIGRATION.				Total increase to Population to 31st December.	Centesimal ratio to total Population to 31st December.	Proportion of Females to Males in total increase.	
		Males.	Females.	Total.	Centesimal ratio to Population to 31st December.		Males.	Females.	Total.	Centesimal ratio to Population to 31st December.				
1860	28,056	325	433	758	3·22	1860	No returns.							
1861	34,307	383	541	924	3·29	1861	No returns.							
1862	45,077	387	518	905	2·63	1862	5,988	3,817	9,805	28·53	10,710	31·16	68·00	
1863	61,640	296	650	946	2·09	1863	8,534	5,155	13,689	30·37	*16,513	36·74	65·74	
1864	71,036	572	865	1,437	2·33	1864	7,365	3,594	10,959	17·77	12,396	20·01	56·18	
1865	87,804	807	992	1,799	2·43	1865	6,993	4,976	11,969	16·17	13,768	18·60	76·51	
1866	96,201	692	1,073	1,765	2·01	1866	3,299	3,333	6,632	7·55	9,397	9·56	110·37	
1867	99,849	1,187	1,544	2,731	2·84	1867	Less decrease in Females { 425 917 } ... 917				0·95	3,648	3·79	44·24
1868	107,427	1,102	1,559	2,661	2·66	1868	4,135	152	4,287	4·29	17,578	7·59	32·67	
1869	109,897	1,263	1,630	2,893	2·69	1869	...	...	...	...	2,470	2·29	...
1870	115,567	1,495	1,765	3,260	2·96	1870	1,563	847	2,410	2·19	5,670	5·16	85·41	
1871	125,146	1,484	1,936	3,420	2·96	1871	2,230	1,129	3,359	2·88	\$9,579	8·20	82·53	
1872	133,553	1,382	1,947	3,329	2·66	1872	3,614	1,464	5,078	4·05	8,407	6·1	68·27	
1873	146,690	1,574	1,896	3,470	2·60	1873	5,963	3,704	9,667	7·24	13,137	9·84	74·30	
1874	163,517	1,503	2,086	3,589	2·44	1874	9,203	4,035	13,238	9·02	16,827	11·47	57·17	

† In this Year there was an excess of Departures of 423.

* NOTE.—In addition to the increase by Births over Deaths, and Immigration over Emigration, the Census taken 1st January, 1864, showed a further addition of 1,928, being the difference between the estimated population and that ascertained by Census.

† In this year, also, the Census taken added 630 to the estimated population.

§ In this year, also, the Census taken added 2,500 to the estimated population.

The increase of population for the year 1874 is arranged in four quarterly divisions as follows :—

C.

SHOWING INCREASE in POPULATION in 1874 by excess of BIRTHS over DEATHS, and IMMIGRATION over EMIGRATION in each quarter of the year.

	Males.	Females.	Persons.
FIRST QUARTER.			
Population on the 1st January	87,154	59,536	146,690
Increase by excess of Births over Deaths during the Quarter	377	473	850
Increase by excess of Immigration over Emigration by Sea during the Quarter	2,501	894	3,395
POPULATION ON THE 31st MARCH	90,032	60,903	150,935
INCREASE OF POPULATION DURING THE QUARTER	2,878	1,367	4,245
SECOND QUARTER.			
Population on the 1st April	90,032	60,903	150,935
Increase by excess of Births over Deaths during the Quarter	355	510	865
Increase by excess of Immigration over Emigration by Sea during the Quarter	3,221	1,137	4,358
POPULATION ON THE 30th JUNE	93,608	62,550	156,158
INCREASE OF POPULATION DURING THE QUARTER	3,576	1,647	5,223
THIRD QUARTER.			
Population on the 1st July	93,608	62,550	156,158
Increase by excess of Births over Deaths during the Quarter	501	628	1,129
Increase by excess of Immigration over Emigration by Sea during the Quarter	1,697	955	2,652
POPULATION ON THE 30th SEPTEMBER	95,506	64,133	159,939
INCREASE OF POPULATION DURING THE QUARTER	2,198	1,583	3,781
FOURTH QUARTER.			
Population on the 1st October	95,506	64,133	159,939
Increase by excess of Births over Deaths during the Quarter	270	475	745
Increase by excess of Immigration over Emigration by Sea during the Quarter	1,784	1,049	2,833
ESTIMATED POPULATION ON THE 31st DECEMBER, 1874	97,860	65,657	163,517
INCREASE OF POPULATION DURING THE QUARTER	2,054	1,524	3,578
INCREASE OF POPULATION DURING THE YEAR	10,706	6,121	16,827

The increase from immigration in excess of emigration has reference only to arrivals and departures by sea. The population, as given from year to year between the periods of taking the Census, is calculated by adding to the estimated numbers at the end of each year the excess of births over deaths, and of immigration over emigration ; but, as there are no means of arriving at the latter source of increase except by the arrivals and departures by sea, this part of the estimate is but an approximation to the actual increase from this source.

The births, deaths, and marriages during the year have been as follows :—

Births 6,383, consisting of 3,280 males, 3,103 females.

Deaths 2,794, consisting of 1,777 males, 1,017 females.

Marriages, 1,340.

In Appendix A, Table No. II. shows the births, deaths, and marriages for 1874, the estimated population of 1873, and of 1874, and the estimated mean population of 1874.

BIRTHS.

The number of Registered Births in the year under review is 6,383. This is an increase in advance of the increase of the two previous years. In 1872, the increase over that of 1871 is given in the Report as 60 ; in 1873 the advance over the previous year amounted to 455 ; the increase for 1874 in excess of that of the previous year is 663.

The Birth-rate during the year under review has been 41·1 per thousand of the estimated total mean population. This is a far higher rate of increase than that generally obtaining in England and Wales, and it exceeds the birth-rate of the other principal Australian colonies ; and, as far as the means of comparison are at present available, is seen to be considerably in advance of the birth-rate in some of the most important divisions of the United States of America.

In England and Wales the birth-rate in the decenniad ending 1870 was 35·2 per thousand of the mean population. In Victoria, as seen by Report on Vital Statistics, in the ten years ending 1873, the proportion of births to population pretty regularly decreased from 43·59 per thousand, in 1864, to 36·01 in 1873. In New South Wales the ratio of births as given in the Statistical Register of 1874, is 38·87 per thousand, which is said to be a slight decrease over the previous year.

Thus, in Queensland in 1874 the birth-rate was ... 4.11 per cent.
 In New South Wales in 1874 the birth-rate was 3.88 per cent.
 In Victoria in 1873 the birth-rate was ... 3.60 per cent.
 In England and Wales in decenniad ending 1870
 the birth-rate was ... 3.52 per cent.
 In Massachusetts, United States, including all its
 cities and towns embracing a population of
 1,417,654, in 1870 the birth-rate was ... 2.54 per cent.
 In Boston, United States, in 1869, the birth-rate
 was given as ... 3.00 per cent.

The high birth-rate in Queensland is the more satisfactory considered in connection with the disproportion between the sexes before alluded to. The proportion between the two sexes in the United Kingdom is very nearly equal, the number of females being a little in excess of males. With anything like an equalization in the proportion of the sexes, there would be a birth-rate in the colony very largely in advance of that of England and Wales, and in the whole United Kingdom.

Table No. III in Appendix A shows the number of births registered in Queensland in each quarter of the year 1874, distinguishing between males and females, and showing the number of births in each quarter of the year in each Registry District. It will be noticed that the greatest number of births occurred during the third quarter of the year, amounting to 1,710; in the first and second quarters they are nearly equal, showing 1,579 from January to March, and 1,570 from April to June; the last quarter shows the lowest number of births, amounting to 1,524.

The following Table shows the fruitfulness of each of the Registry Districts during the year, and a comparison between the years 1873 and 1874, giving increase or decrease in the latter year; and exhibits the proportion which is borne by births of females to males.

D.

BIRTHS—1873 and 1874.

Registry District.	1873.			1874.			Total Increase* or Decrease† per cent. in the latter year.	Total Increase* or Decrease† per cent. in the latter year.	Females born to every 100 males born in 1873.	Females born to every 100 males born in 1874.
	Males.	Females.	Persons.	Males.	Females.	Persons.				
Banana ...	11	10	21	9	3	12	+9	+42.85	90.90	33.33
Bowen ...	41	36	77	39	28	67	+10	+12.99	87.80	71.79
Brisbane ...	757	735	1,492	850	748	1,598	*106	*7.10	97.09	88.00
Cape River ...	2	...	2	3	1	4	*2	*100.00	...	33.33
Cardwell ...	7	8	15	13	16	29	*14	*93.33	114.28	123.07
Clermont ...	73	85	158	79	87	166	*8	*5.06	116.44	110.13
Condamine ...	14	11	25	13	9	22	+3	+12.00	78.57	69.23
Cooktown‡ ...	...	...	...	7	7	14	*14	...	...	100.00
Dalby ...	74	80	154	74	70	144	+10	+6.49	108.11	94.59
Dalrymple ...	...	1	1	...	1	1	...	...	...	...
Gayndah ...	70	64	134	66	79	145	*11	*8.21	91.43	119.70
Gilbert River ...	7	6	13	12	10	22	*9	*19.23	85.71	83.33
Gladstone ...	38	22	60	41	41	82	*22	*3.81	57.89	100.00
Goodna ...	34	43	77	53	45	98	*21	*27.27	126.47	84.91
Goondiwindi ...	11	9	20	18	9	27	*7	*35.00	81.81	50.00
Gympie ...	138	127	265	169	118	287	*22	*8.30	92.03	69.82
Ipswich ...	338	313	651	388	384	772	*121	*18.59	92.60	98.97
Leyburn ...	23	14	37	17	11	28	+9	+24.32	60.87	64.70
Logan ...	73	65	138	83	68	151	*13	*9.42	89.04	81.93
Mackay ...	65	66	131	59	65	124	+7	+5.34	101.54	110.17
Maryborough ...	259	200	459	274	260	534	*75	*16.34	77.22	91.24
Mitchell ...	6	10	16	8	10	18	*2	*12.50	166.66	125.00
Nanango ...	8	9	17	4	7	11	+6	+35.29	112.50	175.00
Norman ...	4	...	4	1	3	4	...	...	...	300.00
Palmer‡ ...	...	...	...	5	1	6	*6	...	...	20.00
Paroo ...	...	2	2	1	1	2	...	...	...	100.00
Ravenswood ...	65	59	124	66	75	141	*17	*13.71	90.77	113.64
Rockhampton ...	257	220	477	296	289	585	*108	*20.55	85.60	97.64
Roma ...	35	41	76	52	57	109	*33	*43.42	117.14	109.61
Somerset ...	...	...	...	...	...	...	...	...	...	...
Springure ...	14	19	33	15	32	47	*14	*42.12	135.71	213.33
Stanthorpe ...	71	77	148	87	78	165	*17	*11.49	108.45	89.66
St. George ...	10	13	23	20	10	30	*7	*30.43	130.00	50.00
St. Lawrence ...	20	16	36	14	18	32	+4	+11.11	80.00	128.57
Surat ...	4	8	12	11	7	18	*6	*50.00	200.00	63.63
Taroona ...	8	9	17	4	11	15	+2	+11.11	112.50	275.00
Toowoomba ...	219	213	432	234	235	469	*37	*8.57	97.26	100.42
Townsville ...	40	55	95	49	45	94	+1	+1.05	137.50	91.84
Warrego North ...	8	8	16	11	7	18	*2	*12.50	...	63.63
Warrego South ...	1	1	2	1	1	2	...	...	...	100.00
Warwick ...	140	120	260	134	156	290	*30	*11.54	85.71	116.57
Total ...	2,945	2,775	5,720	3,280	3,103	6,383	*724	...	94.23	94.60
Less Decrease in some Districts ...							61			
Net Increase in 1874 ...							*663	11.59		

‡ New District created in 1874.

The net increase or decrease of births in each Registry District is shown as follows :—

E.

BIRTHS.—INCREASE and DECREASE in each REGISTRY DISTRICT in 1874.

Registry District.	Increase.*	Registry District.	Decrease.†
Brisbane	106	Banana	9
Cape River	2	Bowen	10
Cardwell	14	Condamine	3
Clermont	8	Dalby	10
Gayndah	11	Leyburn	9
Gilberton	9	Mackay	7
Gladstone	22	Nanango	6
Goodna	21	St. Lawrence	4
Goondiwindi	7	Taroom	2
Gympie	22	Townsville	1
Ipswich	121		
Logan	13		61
Maryborough	75		
Mitchell	2		
Ravenswood	17		
Rockhampton	108		
Roma	33		
Springsure	14		
Stanthorpe	17		
St. George	7		
Surat	6		
Toowoomba	37		
Warrego North	2		
Warwick	30		
	704		
Add total registered in undermentioned new Districts, viz. :—			
Cooktown	14		
Palmer	6		
	20		
	724		
Less decrease in some districts	61		
Net increase in 1874	663		

PROPORTIONATE NUMBER OF MALE AND FEMALE BIRTHS.

The proportion of females to males born during the year is in accordance with what appears to be all but universal, the number of births of males in every part of the world being a little in excess of that of females. It is stated that as the result of some millions of observations collected for the purpose, it was ascertained that in Europe generally 106 males are born to 100 females. Two remarkable exceptions to this rule seem to have occurred in Queensland, one in the year 1863 and again in 1872, in which latter year the numbers were 2,620 males, and 2,645 females. This phenomenon is not altogether unexampled. It appears that in 1862, in two counties, Dorsetshire and Rutlandshire, the like remarkable circumstance occurred. In South Australia, too, an instance of a similar departure from the natural law is recorded in the Statistical Register of 1872, where the number of births of males is seen to have exceeded that of females by only one, the figures being, males 3,553, females 3,552.

The male births in the colony during the year have been 3,280, females 3,103, this being in almost exact accordance with the ordinary proportions in Europe of 106 males to 100 females.

The proportion per cent. of males born in the year to the total number of males living, taking the mean population, was 3·54; the proportion of females born in the year to the total number of females living was 4·95.

Twin and Triplet Births.—There were 114 twins born in the year, 59 males and 55 females; the number recorded for the previous year being 100, composed of 54 males and 46 females. There was one case of triplets registered during the year, all females.

Illegitimate Births.—The number of births out of wedlock registered for the year is 176; a centesimal rate of 2·75 on the whole number of births in the colony, being for the Brisbane District at the rate of 0·81 to the whole number, and for the other districts at the rate of 1·94 to such total births.

The number of illegitimate births during the year was 21 more than in the previous year of 1873. It may be remarked that the rate of births of this description is lower here than in some of the other Australian colonies, and is considerably under the ordinary rate in the United Kingdom, which in 1870 is given as 5·6 per cent.

MARRIAGES.

During the year under review 2,680 persons were married, this being a less number by 28 than in the previous year; that is to say, the marriages numbered 14 less than in 1873.

A decrease in the number of marriages is not a favorable indication, the marriage-rate being regarded as a tolerably correct gauge of the general prosperity of the country. This, however, must not be considered apart from other circumstances, and there have been forces in operation during the year which are sufficient to account for a falling off in the number of marriages. It is thought that the decrease may be sufficiently explained in the large number of young men who were drawn off from the ordinary modes of life by the attractions of gold digging, and who went to swell the numbers now constituting the considerable population of the newly settled Northern Districts of the Cook and the Palmer.

Marriage-rate.—During the year 1874 the proportion of marriages to the mean population has been 8·63 per thousand, or 17·27 per thousand, counting the number of persons married.

The proportion of marriages to population in most of the colonies of Australia is low as compared with England and Wales; and this is what might be expected from the disparity in the proportionate number of the sexes in these colonies. The proportion of males and females in England and Wales is about equal, the number of females being slightly in excess of that of males, and the marriage-rate for many years averaged 16·0 per thousand persons married of mean population. In Queensland, the proportion of females to each hundred males in the year under review was only 67·67; and it is very satisfactory to see, notwithstanding this disparity, that the marriage-rate is yet higher than in England and Wales.

The following Table presents in one view the population at the end of the year, the mean population, the proportion of females to 100 males, and the

proportion of persons married in England and Wales, in Victoria, in New South Wales, in South Australia, and in Queensland, during the last ten years:—

F.

COMPARATIVE TABLE showing POPULATION to the end of the Year, NUMBER of MALES and FEMALES, MEAN POPULATION; NUMBER of MALES and FEMALES, PROPORTION of FEMALES to 100 MALES; NUMBER of MARRIAGES, MARRIAGES per 1,000, PERSONS MARRIED per 1,000 in ENGLAND and WALES, VICTORIA, NEW SOUTH WALES, SOUTH AUSTRALIA, and QUEENSLAND.

Year.	Country.	ESTIMATED POPULATION AT END OF THE YEAR.			ESTIMATED MEAN POPULATION.			Proportion of Females to each 100 Males of the Mean Population.	Number of Marriages Registered during the Year.	NUMBER TO EVERY 1,000 OF THE MEAN POPULATION.	
		Males.	Females.	Total.	Males.	Females.	Total.			Marriages.	Persons Married.
1865	England and Wales	...	...	...	10,298,826	10,846,325	21,145,151	105.31	185,474	8.75	17.50
	Victoria	357,515	269,124	626,639	352,897	263,173	616,070	74.57	4,497	7.30	14.60
	New South Wales	227,196	184,192	411,388	221,777	180,212	401,989	81.26	3,578	8.90	17.80
	South Australia...	80,686	75,919	156,605	78,287	73,686	151,973	94.12	1,436	9.44	18.88
	Queensland	53,316	34,488	87,804	49,416	31,504	80,920	63.75	1,074	13.27	26.54
1866	England and Wales	...	...	...	10,427,146	10,982,538	21,409,684	105.33	187,776	8.75	17.50
	Victoria	365,317	278,595	643,912	361,416	273,859	635,275	75.77	4,253	6.69	13.38
	New South Wales	239,820	191,592	431,412	233,508	187,892	421,400	80.46	3,462	8.22	16.48
	South Australia...	88,272	80,881	169,153	84,479	78,400	162,879	92.80	1,299	7.98	15.96
	Queensland	57,307	38,894	96,201	55,312	36,691	92,003	66.34	1,068	11.60	23.20
1867	England and Wales	...	...	...	10,557,066	11,120,459	21,677,525	105.34	179,154	8.25	16.50
	Victoria	372,239	287,648	659,887	368,778	283,122	651,899	76.77	4,490	6.88	13.76
	New South Wales	248,512	199,108	447,620	244,166	195,350	439,516	80.00	3,426	7.79	15.58
	South Australia...	89,991	82,869	172,860	89,132	81,875	171,007	91.86	1,379	8.06	16.12
	Queensland	59,836	40,013	99,849	58,572	39,453	98,025	67.36	935	9.54	19.08
1868	England and Wales	...	...	...	10,688,600	11,260,113	21,948,713	105.35	176,962	8.05	16.10
	Victoria	384,859	299,457	684,316	378,549	293,553	672,102	77.55	4,692	6.98	13.96
	New South Wales	260,414	206,351	466,765	254,463	202,729	457,192	79.67	3,736	8.17	16.34
	South Australia...	91,347	84,951	176,298	90,669	83,910	174,579	92.54	1,286	7.37	14.74
	Queensland	65,843	41,584	107,427	62,839	40,799	103,638	64.93	833	8.32	16.64
1869	England and Wales	...	...	...	10,821,775	11,401,524	22,223,299	105.36	176,970	7.95	15.90
	Victoria	398,849	312,029	710,878	391,854	305,743	697,597	78.02	4,735	6.79	13.58
	New South Wales	271,005	214,351	485,356	265,709	210,351	476,060	79.17	3,799	7.98	15.96
	South Australia...	93,860	87,286	181,146	92,604	86,118	178,722	93.00	1,211	6.78	13.56
	Queensland	66,571	43,326	109,897	66,207	42,455	108,662	64.12	903	8.31	16.62
1870	England and Wales	...	...	...	10,956,608	11,544,708	22,501,316	105.37	181,655	8.05	16.10
	Victoria	397,956	326,769	724,725	398,402	319,399	717,801	81.17	4,732	6.59	13.18
	New South Wales	280,350	222,511	502,861	275,678	218,431	494,109	79.23	3,848	7.79	15.58
	South Australia...	94,928	88,869	183,797	94,394	88,078	182,472	93.31	1,260	6.91	13.82
	Queensland	69,629	45,938	115,567	68,100	44,632	112,732	65.54	879	7.79	15.58
1871	England and Wales*	...	...	22,712,266	11,093,123	11,689,689	22,782,812	105.38	190,112	8.35	16.70
	Victoria	412,009	340,436	752,445	405,382	334,140	739,522	82.42	4,693	6.35	12.70
	New South Wales	284,151	235,031	519,182	282,250	228,771	511,021	81.05	3,953	7.73	15.46
	South Australia...	96,915	90,936	187,851	95,922	89,902	185,824	93.72	1,250	6.73	13.56
	Queensland	74,622	50,524	125,146	72,125	48,231	120,356	66.87	970	8.06	16.12
1872	England and Wales...	...	...	...	11,231,339	11,836,496	23,067,835	105.39	...	...	...
	Victoria	419,903	350,824	770,727	415,956	345,630	761,586	83.09	4,791	6.29	12.58
	New South Wales	295,680	243,510	539,190	290,416	239,270	529,686	82.39	3,925	7.42	14.84
	South Australia...	98,481	93,742	192,223	97,698	92,339	190,037	94.51	1,361	7.16	14.32
	Queensland	79,618	53,935	133,553	77,120	52,230	129,350	67.73	1,125	8.69	17.38
1873	England and Wales	...	...	...	11,371,273	11,985,141	23,356,414	105.40	...	...	...
	Victoria	430,042	360,450	790,492	424,972	355,637	780,609	83.68	4,974	6.37	12.74
	New South Wales	307,329	252,946	560,275	301,504	248,223	549,727	82.33	4,384	7.98	15.96
	South Australia...	101,540	96,535	198,075	100,010	95,139	195,149	95.13	1,562	8.00	16.00
	Queensland	87,154	59,536	146,690	83,386	56,736	140,122	68.04	1,354	9.66	19.32
1874	England and Wales	...	...	...	...	...	...	...	...	...	...
	Victoria	439,159	369,278	808,437	434,600	364,864	799,464	83.95	4,925	6.16	12.32
	New South Wales	321,447	262,831	584,278	314,388	257,889	572,277	82.03	4,343	7.59	15.18
	South Australia...	104,870	99,753	204,623	103,205	98,144	201,349	95.09	1,611	8.00	16.00
	Queensland	97,860	65,657	163,517	92,507	62,597	155,104	67.67	1,337	8.63	17.27

* Census taken, 2nd April, 1871.
NOTE.—No data as to the population of England and Wales at the end of each Year, excepting Census Year: the figures given above have been taken from the reports of the Registrar-General of England, who bases his calculations on the population as estimated to the 30th June. The mean population of Victoria, New South Wales, South Australia, and Queensland, has been arrived at by adding together the numbers at the beginning and end of the Year respectively, and dividing the sum.
The average number of persons married in England and Wales, is stated by the Registrar-General of England to have been 16.5 to every 1,000 of the mean population for the 34 years, 1838 to 1871; and by the above table it will be found that the average for the 10 years (1865 to 1874), was, for Victoria, 13.28 per 1,000; New South Wales, 14.22 per 1,000; South Australia, 15.30 per 1,000; and for Queensland, 18.78 per 1,000.
The average proportion for the above ten years, of Females to each 100 Males, of the mean population was, for England, 105.36; for Victoria, 79.60; for New South Wales, 80.76; South Australia, 93.61; and for Queensland, 66.23.

It will be seen that in Queensland there was an average in ten years of only 66.23 of females to 100 males, and that the marriage-rate was 18.78 per thousand of the mean population; that in England and Wales there was an average of 105.36 of females to 100 males, with a marriage-rate of only 16.5 to every thousand; that in Victoria there was an average in ten years of 79.60 females to 100 males, the marriage-rate being 13.28 per thousand; that in New South Wales the proportion of females was 80.76 to 100 males, and a marriage-rate of 14.22 per thousand; that in South Australia the proportion of females to 100 males was 93.61, approaching closely to the English proportion, while the rate of marriages was below that of Queensland, being only 15.30 per thousand.

The following statement from the Victorian Year Book is interesting in connection with this important part of our Vital Statistics :—

“ The marriage-rate in Victoria is low as compared with that prevailing in England and Wales, and in the other Australian colonies. The subjoined rate for England and Wales is based upon an average extending over 33 years ; that for each of the colonies upon an average extending over the last two years. It will be noticed that whilst the rate in every one of the colonies is higher than in Victoria, in Queensland and in New Zealand only, and in the latter very slightly, is it higher than in England.

“ AVERAGE ANNUAL NUMBER of MARRIAGES PER 1,000 of the MEAN POPULATION.

										Persons Married per 1,000.
Victoria	...	...	...	...	6.27	Victorian Year Book, 1874, page 181.	...	...	...	12.54
New South Wales	...	...	...	...	7.78		...	...	...	15.56
Queensland...	...	...	...	...	9.14		...	...	...	18.28
South Australia	...	...	...	...	8.00		...	...	...	16.00
Western Australia...	...	...	...	...	6.61		...	...	...	13.22
Tasmania	...	...	...	...	6.60		...	...	...	13.20
New Zealand	...	...	...	...	8.39	}	...	...	...	16.78
England and Wales	...	...	...	...	8.24		...	...	...	16.48

In a comparison of the marriage-rates in the colony and in England and Wales it must be borne in mind that this may mislead, unless considered in connection with the fact of the large proportion of persons living in the old country who are passed the meridian of life. This, no doubt, considerably modifies the question ; and has, perhaps, much to do with our comparatively high marriage-rate in Queensland, as compared to that found to obtain in England. Still, the margin is much too large thus to account altogether for the advantage we have in this way ; especially as we see that the marriage-rate in Queensland is much higher than in the other principal Australian colonies, notwithstanding that their proportion of females to males is much larger than ours, and that with regard to the proportion of aged persons we are probably on an equal footing.

If the marriage-rate may be reckoned upon as anything like a true barometer of prosperity, the wide range it has exhibited in Queensland would indicate a highly fluctuating fortune in our history ; but the somewhat remarkable differences thus shown are doubtless to be chiefly accounted for by the disturbing influences of our gold discoveries, and are, perhaps, not a little due to the changes effected by our large immigration, necessarily fluctuating in its operation.

It is observable that the years marked by the greatest depression in the marriage-rate are those which are sometimes alluded to as the dark period of our history, and that the rate steadily rises with returning prosperity. The lower rate of marriages during the year under review, for the reasons given, may fairly be regarded as wholly exceptional.

Forms of Marriage.—In England notice is taken of the great changes which have occurred in the rites or forms adopted for the legal ratification of the marriage contract. This is seen in the varying number of marriages according to the rites of the different religious denominations, and the steadily increasing proportion of marriages taking place in the offices of the Registrars ; these latter having increased in England from 2.3 per cent. of the total number in the quinquennium of 1841—5 to 8.9 per cent. in the year 1871.

The following Table shows the number of marriages solemnised according to the rites of the several religious denominations in each church, also the number of marriages in the Registry Offices involving no religious ceremony, with their increase or decrease during the last two years.

G.

COMPARATIVE TABLE showing NUMBER of MARRIAGES by each DENOMINATION for the Years 1873 and 1874, and the NUMERICAL and CENTESIMAL INCREASE or DECREASE as to each.

Denomination.	Marriages in 1873.	Marriages in 1874.	Numerical Increase* or Decrease† in 1874.	Centesimal Increase* or Decrease† in 1874.
Church of England	271	300	*29	*10·70
Church of Rome	297	257	†40	†13 47
Presbyterians and United Presbyterians	204	235	*31	*15·19
Wesleyan	104	96	†8	†7·69
Primitive Methodist	88	84	†4	†4·54
United Methodist Free Church	7	4	†3	†42·85
Congregational	60	56	†4	†6·66
Baptist	25	26	*1	*4·00
Particular Baptist	7	5	†2	†28·57
Lutheran	109	118	*9	*8·35
Burnett Protestant Church ... ..	...	1	*1	...
Hebrew Church	6	...	†6	†100·00
German Independent Church ... ..	...	...	...	...
Bible Christians	2	6	*4	*200·00
Registration and Justices Marrying Acts	174	152	†22	†12·64
	1,354	1,340	†14	†1·04

Ages at marriage.—In England and Wales in 1870 the mean ages of men at first marriage is given as 25·8, that of women 24·4; this being nearly the same as in the five previous years. Table VI in Appendix A, showing the various ages of husbands and wives married in the year, is curious and interesting.

Taking first the males, reading the table horizontally, it shows that the lowest age is 17, giving 2 married at that early period of life. There are no cases of marriage at a very advanced age, 66 years being the limit, at which period there was one male registered as married; the age at which the largest number of marriages took place among the males was 25, the total number of husbands at that age being 114.

The number and ages of females at marriage is seen by looking up and down the columns, reading the table perpendicularly. It will be seen that 7 were married at the age of 15 years; the numbers continue to increase and reach their highest at the age of 21 years, showing 187 married at that age. It may be suspected some of these ought to have appeared under the previous column; however, a high number is maintained at the next step, 22 years, when it reaches 131; then gradually lessening with some variations as ages rise up to that of 55 years, the most advanced period, showing one married at that age.

Minors.—Of the number of persons married, 33 males and 423 females were under 21 years, the proportion of minors being 2·46 men in a hundred, and 31·57 women in a hundred. This is, as far as the females are concerned, a much greater proportion than in England and Wales, where for the ten years 1859–1868 the proportion of women married under 21 years was 19·9 in a hundred, the proportion of men in the same year marrying under that age having been 6·6 per hundred.

Signature of Marriage Registers.—The number of persons making their marks instead of signing their names in the Marriage Registers, has generally been relied on as affording an approximate idea of the ignorance prevailing among the million in the United Kingdom. In connection with the important questions involved in

Vital Statistics, such as their bearing on public health, on the question of population, and on a great variety of social problems, are the following remarks in the Thirty-third Annual Report of the Registrar-General in England:—

“Among them I may venture to mention the question of education for the people, which has been very much advanced by the remarkable revelations of the Marriage Registers, which showed that in the forty-first year of the nineteenth century, 41 per cent. of the future fathers and mothers of the English nation had been left by the country so imperfectly educated, that they could not write their names legibly. This deplorable fact was brought under the notice of Parliament in these reports year after year, and strengthened the hands of those who had been long laboring in vain, or but with little effect, to place the keys of elementary knowledge within the whole people's possession. The subsequent reports show, as on a scale, the progressive improvements which took place; and now give, as the starting point of the new laws which the wisdom of Parliament has sanctioned, the fact, that still, in the year 1870, of the persons marrying, 24 in a hundred, or 20 in a hundred men, and 27 in a hundred women, made their marks and did not write their names in the registers.”

With very many signing the registers the skill of putting together the letters of their own names will be the extent of their writing capability, and the number of certificates signed with names can therefore be but a doubtful test of rudimentary education; on the other hand, some, doubtless, who could have signed have only affixed their marks. Happily, this matter possesses less interest here than in England; yet, while so large a proportion of the increase of our population is derived from immigration, we can hardly afford to dispense with this means of ascertaining what proportion of the community may be destitute of the benefits of rudimentary instruction.

It will be seen by the following table, that in Queensland a very much smaller proportion of persons sign with a mark than in the United Kingdom, and this would here be speedily reduced to a mere infinitesimal proportion by the operation of our system of State Education, but for the large annual accessions to our population by immigration recruited principally from the less favored classes of Great Britain.

H.

SHOWING Number of PERSONS, MALES and FEMALES, who signed MARRIAGE CERTIFICATE by Mark, and the proportion per cent. to the TOTAL NUMBER of MARRIAGES.

Number of Marriages celebrated in 1874.	Number of Persons who signed Marriage Certificate by Mark.		Proportion to each 100 Married in the Year.		
	Males.	Females.	Males.	Females.	Mean.
1,340	97	170	7·24	12·69	9·96
	267				

It will be seen that of the men who married in the year under review, 97, or 7·24 per cent., and of the women 170, or 12·69 per cent., signed the registers by mark, the remainder having written their names.

DEATHS.

The deaths registered in Queensland during the year 1874 were 2,794, consisting of 1,777 males and 1,017 females, a number exceeding that of the former year by 544. The registered births of the year under review, as before stated, were 6,383; the deaths were therefore 3,589 less than the births. This excess of births over deaths is greater than in the previous year, when the births showed an excess of 3,470; the excess of births over deaths in the year 1874 being 119 more than the excess of the former year over that which preceded it.

Death-rate.—The proportion of deaths to mean population in the year now under consideration shows a total death-rate of 18·00 per thousand. This is higher than the death-rate for the last seven years, though less than in the four former years.

The following Table exhibits the death-rate in Queensland in the last decen- niad, showing population, mean population, and giving death-rate per thousand of both males and females in each year.

I.

SHOWING the DEATHS and the PROPORTION to MEAN POPULATION in each YEAR.—RETURN for TEN YEARS, 1865–1874.

YEAR.	POPULATION.						DEATHS.								Proportion of Total Numbers to Mean Population.	
	Estimated Population to 31st December.			Estimated Mean Population.			Number and Proportion.				Total Number.					
	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Per 1000	Females	Per 1000	Males.	Females	Persons.			
1865	53,316	34,488	87,804	49,416	31,504	80,920	987	12·18	746	9·22	987	746	1,733	21·42
1866	57,307	38,894	96,201	55,312	36,691	92,003	1,446	15·72	916	9·96	1,446	916	2,362	25·67
1867	59,836	40,013	99,849	58,572	39,453	98,025	1,088	11·10	657	6·70	1,088	657	1,745	17·80
1868	65,843	41,584	107,427	62,839	40,799	103,638	1,165	11·24	634	6·12	1,165	634	1,799	17·38
1869	68,571	43,326	109,897	66,207	42,455	108,662	1,149	10·57	612	5·63	1,149	612	1,761	16·21
1870	69,629	45,938	115,567	68,100	44,632	112,732	1,060	9·40	585	5·19	1,060	585	1,645	14·59
1871	74,622	50,524	125,146	72,125	48,231	120,356	1,192	9·90	593	4·93	1,192	593	1,785	14·83
1872	79,618	53,935	133,553	77,120	52,230	129,350	1,238	9·57	698	5·39	1,238	698	1,936	14·96
1873	87,154	59,536	146,690	83,386	56,736	140,122	1,371	9·78	879	6·27	1,371	879	2,250	16·06
1874	97,860	65,657	163,517	92,507	62,596	155,103	1,777	11·45	1,017	6·56	1,777	1,017	2,794	18·01

The following comparison may be of use.

AVERAGE ANNUAL DEATH-RATE.

In England and Wales, in 34 years	...	...	2·24 per cent.
In Victoria, 10 years, 1864–1873	...	...	1·55 per cent.
In New South Wales, 10 years, 1865–1874	...	...	1·50 per cent.
In Queensland, 10 years, 1865–1874	...	...	1·76 per cent.

The mortality in Brisbane, as compared with the country districts, cannot be made with any near approach to accuracy because of the fact before alluded to, that there is no correspondence between the Census Districts within which the population is periodically ascertained, and the Registry Districts for births, marriages, and deaths. In re-arranging the Districts for the Census to be taken in May, the boundaries of Police Districts have been followed, and arrangements have also been made for making the Census and Registry Districts identical. This will prove in many respects advantageous, and especially so in the facilities it will give as soon as the coming Census is taken, and the population in each of the new Census Districts determined, for ascertaining the proportion of deaths to population in each of the districts; thus increasing the practical value of these returns, especially for the important purpose of comparing mortality in the metropolitan and country districts.

MORTALITY OF INFANTS.

It appears to have been considered that the climate of Queensland is exceptionally unfavorable to children, and the proportion of deaths of children under five years has been adduced in support of this. It is admitted that this is actually something higher than in many other parts of the world; but perhaps it has not been sufficiently taken into account, that the very small proportion of old persons in our community makes the death-rate higher among the young. A large proportion of the population being beyond the dangers of childhood, and not being yet much advanced in life, the deaths among children will thus necessarily figure more largely than in older communities.

A careful examination of this part of the Vital Statistics in Queensland as compared with those of England and Wales, of some of the United States of America, and of the longer settled communities of some of the other Australian colonies, leads to the conclusion that the difference thus indicated is wholly sufficient to account for the higher proportion of deaths in children under five years obtaining in this colony, and that there is no sufficient ground for the impression that the climate of Queensland is any more unfavorable to infant life than that of the other colonies, or than that of Great Britain.

It is seen from Table N, published in the Report on Vital Statistics of Queensland for 1873, that during the fourteen years from 1860 to 1873, the average rate per cent. of deaths under five years was 47·93. For the year under review the rate has been 43·13, giving an average for the fifteen years of 46·98. In the Report on the Vital Statistics of New South Wales for 1873, it is stated in reference to deaths under five years,—“The mean percentage for the last ten years is 44·07 for the colony, 46·85 for Sydney, 56·42 for the suburbs.” In Victoria the deaths under five years for 1873 are given at 42·64.

In the Annual Report of the Registrar-General in England for 1870, it is stated that 41·1 per cent. were children under five years, as against 40·0, 42·3, and 41·1 per cent. respectively in the three previous years. But the report proceeds:—

“Real infant mortality may be satisfactorily measured by its proportion to “births registered. To each one hundred births in 1870, 16 deaths under one year “occurred, that is, 17·4 male and 14·5 female, as against 15·6 per cent. in 1869. “The proportional infant mortality measured in this way 18·3 per cent. during the “year in seventeen of the largest English towns, and averaged from 15·0 and 16·0 “respectively in Sunderland and Portsmouth, to 22·1 in Norwich, 23·5 in Leicester, “29·9 Liverpool.”

In Queensland the proportion of deaths of children under one year to each one hundred births has been, as shown in the following Table:—

J.

SHOWING REAL INFANT MORTALITY.—RETURN FOR TEN YEARS, 1865–1874.

1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	Average Annual Number of Deaths to 100 Births.
16·42	16·72	12·91	12·38	11·35	10·72	9·91	10·98	12·25	12·15	12·57

The average annual number of deaths of children under one year to each one hundred births during the last decenniad is thus seen to have been 12·57.

The following Table shows the mortality of children under one year and under five years in 1873 and 1874 in the town and country districts, the proportion borne by deaths under one year to the total births in the colony, and the proportion of deaths under five years to the total deaths in the districts :—

K.

DEATHS under ONE YEAR, and PERCENTAGE to TOTAL BIRTHS in the COLONY, and DEATHS under FIVE YEARS, with PERCENTAGE to TOTAL DEATHS in the DISTRICTS, Years 1873 and 1874.

Registry District.	1873.		1874.		Total Increase* or Decrease† in the Deaths of Children under One year.	Total Increase* or Decrease† in the Deaths of Children under Five years.	Percentage of Deaths of Children under Five years to Total Deaths in the District.	Percentage of Deaths of Children under One year to Total Births in the Colony.
	Under One year.	Total under Five years.	Under One year.	Total under Five years.				
Banana ... ..	...	...	...	...	...	...	...	...
Bowen	6	10	6	8	...	+ 2	66·66	0·09
Brisbane	210	343	262	415	*52	*72	52·13	4·10
Cape River ... ..	...	...	...	...	...	...	...	...
Cardwell	2	3	5	7	* 3	* 4	14·89	0·08
Clermont	14	16	11	16	+ 3	...	30·19	0·17
Condamine	4	4	...	...	+ 4	+ 4	...	...
Cooktown ... ..	...	...	3	9	* 3	* 9	13·64	0·04
Dalby	16	21	16	21	...	...	41·10	0·25
Dalrymple ... ..	...	...	1	1	* 1	* 1	...	0·01
Gayndah	11	13	13	18	* 2	* 5	54·54	0·20
Gilberton	2	4	8	8	* 6	* 4	57·14	0·12
Gladstone	7	9	6	11	+ 1	* 2	50·00	0·09
Goodna	6	15	8	12	* 2	+ 3	27·27	0·12
Goondiwindi ... ..	...	2	1	1	* 1	+ 1	14·29	0·01
Gympie	36	86	22	39	+14	+47	52·70	0·34
Ipswich	69	104	77	115	* 8	*11	51·57	1·21
Leyburn	3	6	2	5	+ 1	+ 1	71·43	0·03
Logan	7	18	20	30	*13	*12	52·63	0·31
Mackay	22	28	20	29	+ 2	* 1	35·36	0·31
Maryborough	56	85	84	136	*28	*51	45·79	1·31
Mitchell	1	1	1	2	...	* 1	9·09	0·01
Nanango ... ..	...	1	...	...	...	+ 1	...	...
Norman ... ..	...	...	...	...	...	...	...	...
Palmer ... ..	...	...	1	2	* 1	* 2	1·57	0·01
Paroo ... ..	...	...	...	...	...	...	...	...
Ravenswood	8	16	10	16	* 2	...	40·00	0·16
Rockhampton	80	104	74	116	+ 6	*12	47·33	1·16
Roma	7	12	6	8	+ 1	+ 4	25·80	0·09
Somerset ... ..	...	...	...	...	...	...	...	...
Springsure	2	4	3	3	* 1	+ 1	15·79	0·04
Stanthorpe	19	30	17	29	+ 2	+ 1	59·18	0·27
St. George... ..	...	...	2	5	* 2	* 5	41·66	0·02
St. Lawrence	3	3	3	3	...	...	27·27	0·04
Surat ... ..	...	1	2	3	* 2	* 2	27·27	0·03
Taroom	3	3	2	2	+ 1	+ 1	28·57	0·03
Toowoomba	58	81	45	75	+13	+ 6	53·57	0·70
Townsville	13	20	17	22	* 4	* 2	32·35	0·27
North Warrego ... ..	...	...	2	2	* 2	* 2	13·33	0·03
South Warrego ... ..	...	...	...	...	...	...	...	...
Warwick	36	53	26	36	+10	+17	42·35	0·40
TOTAL	701	1,096	776	1,205	*75	*109	...	12·15

The Percentage of Total Deaths of Children under five years, to the Total Deaths in the Colony in 1874, is 43·13.

The percentage of deaths of children under five years is thus seen to vary very much in the several Registry Districts, and to range high in most of the townships. Brisbane has a percentage of 52·13 to the total deaths in the District of Brisbane. There are others where it is still higher; Gympie has 52·70, Logan has 52·63, Stanthorpe has 59·18, Toowoomba 53·57. The rate then decreases, Rockhampton 47·93, Maryborough 45·79, Warwick 42·35. The above tables show that the total percentage of children dying under twelve months old, as compared to the number of births in the colony during the ten years, 1865 to 1874, is considerably below the general rate in England and Wales; and though it is higher in the towns than in the country districts, it is also very much lower in our towns than in the large English towns before named. While this is satisfactory as a whole, it cannot but be

regretted that our centres of population are found to be more unhealthy than the country districts. This is doubtless the natural result of defective drainage and an insufficient water supply. It is to be feared that the evil results will be made more evident in the figures to be submitted in connection with this part of the Vital Statistics for the year 1875.

It will be manifest that it was not before it became an imperative necessity, that active measures were taken in Brisbane, to carry off the sewage of the city by a main culvert, and to secure a fuller supply of water for the use of the large and increasing population of the place.

In a comparison of the mortality of the several towns, it is of some importance to remark, that the death-rate may be sensibly increased in the great centres of population by the number of invalids who are attracted to the metropolitan towns for the sake of the aid afforded by our public hospitals; as well as in other cases to obtain the best medical advice from physicians in private practice.

During the year under review 143 persons have died in the General Hospital and other public institutions in Brisbane, as seen by the following table; and no doubt a number of deaths have occurred from among those who have come to reside in the principal town in the colony to be within reach of medical aid, but whose maladies have proved incurable:—

DEATHS in PUBLIC INSTITUTIONS in the BRISBANE REGISTRATION DISTRICT during the Year 1874.

Name of Institution.										Year 1874.
Brisbane Hospital	...	...	...	...	...	...	...	...	...	78
Benevolent Asylum	...	...	...	...	...	...	...	...	...	18
Diamantina Orphanage	...	...	...	...	...	...	...	...	...	7
St. Vincent's Orphanage	...	...	...	...	...	...	...	...	...	5
Infants' Asylum	...	...	...	...	...	...	...	...	...	15
Lunatic Reception House	...	...	...	...	...	...	...	...	...	11
Lock Hospital	...	...	...	...	...	...	...	...	...	Nil.
Gaol	...	...	...	...	...	...	...	...	...	5
Penal Establishment	...	...	...	...	...	...	...	...	...	4
TOTAL										143

The following table shows infantile mortality, ranging from one month to five years, showing proportion in metropolitan and country districts:—

L.

SHOWING MORTALITY of CHILDREN from ONE MONTH to FIVE YEARS in the METROPOLITAN and COUNTRY DISTRICTS, 1874.

District and Sex.	Total Number of Deaths in 1874.	DEATHS OF CHILDREN UNDER ONE YEAR.					Total Deaths under one year.	Per centage to total Deaths in the District.	Per centage to total Deaths in the Colony.	Total Deaths under two years.	Per centage to total Deaths in the District.	Per centage to total Deaths in the Colony.	Total Deaths under five years.	Per centage to total Deaths in the District.	Per centage to total Deaths in the Colony.	
		Under one month.	One month and under two months.	Two months and under three months.	Three months and under six months.	Six months and under twelve months.										
Brisbane District—																
Males ...	456	44	6	14	31	39	134	16.83	4.79	47	5.90	1.68	214	26.88	7.65	
Females ...	340	20	15	20	30	43	128	16.08	4.58	45	5.65	1.61	201	25.25	7.19	
Total ...	796	64	21	34	61	82	262	32.91	9.38	92	11.56	3.29	415	52.13	14.85	
Country Districts—																
Males ...	1,321	108	27	17	44	76	272	13.61	9.73	79	3.95	2.83	403	20.17	14.42	
Females ...	677	84	23	21	50	64	242	12.11	8.66	80	4.00	2.86	387	19.37	13.85	
Total ...	1,998	192	50	38	94	140	514	25.72	18.40	159	7.96	5.69	790	39.54	28.27	
Grand Total	2,794	256	71	72	155	222	776	...	27.77	251	...	8.98	1,205	...	43.13	

Table VII in Appendix A shows the number of deaths, male and female, registered in each quarter of the year, under review in each Registry District.

Table IX gives nationalities of persons who died during the year, distinguishing those born in Queensland, in the other Australian colonies, in the United Kingdom, the countries of the Continent of Europe, and the United States of America; it shows also the number of deaths among the Chinese and Polynesians in the colony.

Table X gives the occupations of persons who have died.

The following table shows the birth-rate, death-rate, and marriage-rate together, per thousand living, for the year of 1874, in the metropolitan and country districts, distinguishing between those within and outside of the Municipality of Brisbane as nearly as this can be estimated in this way; showing also excess of births over deaths.

M.

NUMBER OF BIRTHS, MARRIAGES, and DEATHS REGISTERED in 1874.

	Estimated Population.	Within Municipality of Brisbane.			District outside the Municipality of Brisbane.			The whole Brisbane District.			All other Districts in the Colony except Brisbane.			The whole Colony.		
		Births.	Marriages.	Deaths.	Births.	Marriages.	Deaths.	Births.	Marriages.	Deaths.	Births.	Marriages.	Deaths.	Births.	Marriages.	Deaths.
Number Registered ... ..	...	909	354	450	689	50	346	1,598	40	796	4,785	936	1,998	6,383	1,340	2,794
Proportion per 1,000 of persons living within Municipality ...	*25,104	36.2	14.1	17.9	...	...	...	...	...	...	...	...	...	...	...	...
Proportion per 1,000 of persons living within Brisbane District, outside Municipality	*12,997	...	...	...	53.0	3.9	26.6	...	...	...	...	...	...	...	...	...
Proportion per 1,000 of persons living in whole Brisbane District	*38,101	...	...	...	...	...	...	41.9	10.6	20.8	...	...	...	...	...	...
Proportion per 1,000 of persons living within all other Districts, except Brisbane	*125,444	...	...	...	...	...	...	...	...	...	38.1	7.4	16.0	...	...	...
Proportion per 1,000 of persons living within the whole Colony	*163,545	...	...	...	...	...	...	...	...	...	...	...	...	39.0	8.2	17.0
Excess of Births over Deaths ...	...	459			343			802			2,787			3,589		

* This is an approximate estimate, as nearly as can be ascertained, to show the proportion of Births, Marriages, and Deaths in the Metropolitan and Country Districts.

Table N is a return for ten years, showing the proportion per thousand living of the births, deaths, and marriages in the whole colony, with excess of births over deaths, in each year.

N.

SHOWING proportion of BIRTHS, DEATHS, and MARRIAGES, per 1,000 persons living.—RETURN for Ten Years, 1865-1874.

Year.	Estimated Mean Population.	PER 1000 PERSONS LIVING.			Excess of Births over Deaths.
		Births.	Deaths.	Persons Married.	
1865	80,920	43.6	21.4	26.5	1,799
1866	92,003	44.8	25.6	23.2	1,765
1867	98,025	45.7	17.8	19.0	2,731
1868	103,638	43.0	17.3	16.6	2,661
1869	108,662	42.8	16.2	16.6	2,893
1870	112,732	43.5	14.6	15.5	3,260
1871	120,356	43.2	14.8	16.2	3,420
1872	129,350	40.7	15.0	17.3	3,329
1873	140,122	40.8	16.0	19.3	3,470
1874	155,103	41.1	18.0	17.2	3,589

MARINE BIRTHS AND DEATHS.

The subjoined Table shows what births and deaths have taken place in the year under review, in vessels arriving in the colony.

0.

MARINE BIRTHS and DEATHS.

Number of Vessels.		ARRIVALS.			BIRTHS.				DEATHS.			
		Males.	Females.	Persons.	Males.	Females.	Persons.	Rate per cent. Arrivals.	Males.	Females.	Persons.	Rate per cent. Arrivals.
21	British Ships—											
15	Immigrant Vessels	5,093	3,616	8,709	28	29	57	...	69	71	140	
	Short Ships ...	95	50	145	...	...	...	...	1	...	1	
36	Total ...	5,188	3,666	8,854	28	29	57	0.64	70	71	141	1.59
2	German Ships—											
	Immigrant Vessels	410	317	727	10	3	13	1.79	12	7	19	2.61
		5,598	3,983	9,581	38	32	70	...	82	78	160	
	Excess of Deaths over Births				...	...	...	...	44	46	90	

It will be seen that the births on board our English ships, chiefly laden with immigrants, have numbered 57; the deaths having been 141, the excess of deaths over births being 84.

In the German ships, the births number 13, the deaths 19, the excess of deaths being 6.

The mortality in the European immigration by British ships during the year was 1.59 per cent. on arrivals; that by German vessels was 2.61 per cent.

It should perhaps be remarked, that the comparison of mortality between German and British ships is of little value here, as only two German vessels appear to have arrived during the year.

CAUSES OF DEATH.

All the information that can be ordinarily required as to the causes of death is contained in the Appendix A tables, arranged in the usual form.

Table XI shows, on one side, the number of deaths for each month in the year, and the class and order of disease proving fatal in each case; on the other side are seen the ages of all who have died, males and females. Tables XII to XIV give deaths in each registry district, the twelfth giving males, the thirteenth females, the fourteenth males and females together.

The mortality from a certain class of disease is admitted on the highest authority to depend largely upon circumstances, and particularly upon sanitary conditions. A comparison of the various causes of death with the total number of deaths in the colony during the several years has shown a gradual change, more or

less regular, in the deaths arising from these specific forms of disease. This is seen in the following table, which shows centesimal rates of causes of death compared with total deaths in each year from 1865 to 1874; the diseases being classified in the Nosological Tables on the model introduced some years since by Dr. Farr, and now in general use in Great Britain and the Australian Colonies.

P.

TABLE comparing the PERCENTAGE which the several CAUSES of DEATHS bear to the TOTAL DEATHS in each year.
RETURN for TEN YEARS, 1865 to 1874.

Causes of Death.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.
I.—ZYMOTIC DISEASES.										
1. Miasmatic Diseases	29·54	36·33	25·73	26·35	23·17	23·83	22·12	20·56	25·02	27·59
2. Enthetic Diseases	·40	·42	·06	·22	·68	·24	·44	·57	·53	·43
3. Dietic Diseases	1·44	1·61	·86	1·61	1·07	1·09	1·28	1·39	1·60	2·39
4. Parasitic Diseases	1·04	·51	·75	·28	·45	·12	·66	·10	·58	·47
TOTAL	32·42	38·87	27·40	28·46	25·37	25·28	24·50	22·62	27·73	30·89
II.—CONSTITUTIONAL DISEASES.										
1. Diathetic Diseases	1·73	1·91	2·80	3·28	2·21	2·80	2·18	2·17	2·22	2·39
2. Tubercular Diseases	7·70	7·41	8·25	9·00	8·98	8·63	9·02	8·78	9·24	7·84
TOTAL	9·43	9·32	11·05	12·28	11·19	11·43	11·20	10·95	11·47	10·24
III.—LOCAL DISEASES.										
1. Diseases of the Nervous System	8·66	10·46	13·87	13·00	14·31	15·08	15·91	15·03	12·93	12·63
2. Diseases of the Organs of Circulation	3·06	2·92	3·38	3·28	4·05	4·26	4·31	4·03	3·69	3·58
3. Diseases of Respiratory System	4·27	3·64	5·79	5·23	5·39	7·11	7·28	8·42	8·09	5·01
4. Diseases of Digestive Organs	3·92	4·10	5·04	4·50	4·49	5·47	5·26	6·46	6·00	5·55
5. Diseases of Urinary Organs	·23	·51	·40	·61	·61	·67	1·28	·57	1·02	·79
6. Diseases of Organs of Generation	·11	·13	·17	·22	·11	...	·22	·26	·09	·11
7. Diseases of Joints	·23	·13	·11	·06	·06	·16	·27	·20	·18	·29
8. Diseases of Integumentary System ... ..	...	·17	·23	·17	·11	·12	·16	·15	·22	·32
TOTAL	20·48	22·06	28·99	27·07	29·13	32·87	35·19	35·17	32·22	28·27
IV.—DEVELOPMENTAL DISEASES.										
1. Diseases of Children	7·33	4·61	5·33	5·50	5·34	4·62	3·86	5·53	3·91	4·12
2. Diseases of Adults	1·15	·76	·92	·72	1·59	1·34	1·23	1·39	·58	1·07
3. Diseases of Old People	·69	1·19	1·72	2·22	1·47	1·64	2·35	2·22	1·38	1·93
4. Diseases of Nutrition	8·89	8·21	7·39	8·45	8·40	7·36	7·95	8·10	10·00	9·66
TOTAL	18·06	14·77	15·36	16·89	16·80	14·96	15·39	17·25	15·87	16·78
V.—VIOLENCE.										
1. Accident or Negligence	9·35	6·64	9·80	9·67	10·62	11·30	9·30	9·50	8·84	9·70
2. Wounds in Battle ... ..	...	...	...	...	...	...	...	...	...	...
3. Homicide	·98	·63	·34	·61	·51	·79	·78	1·39	·62	·75
4. Suicide	·40	·82	·46	·45	·51	·55	·44	·46	·98	·36
5. Execution ... ..	...	·04	...	·06	·17	·24	...	·05	...	·07
TOTAL	10·73	8·13	10·60	10·79	11·81	12·88	10·52	11·41	10·44	10·88
Violent deaths, not classed ... ..	...	...	...	...	...	...	·11	...	...	·07
Sudden deaths, cause not ascertained	1·33	·17	·29	·11	·06	·18	·05	...	...	·93
Deaths, cause ill-defined and unspecified	7·73	6·69	5·79	4·40	5·05	2·49	2·91	2·58	2·27	1·93
	9·06	6·86	6·08	4·51	5·11	2·67	3·07	2·58	2·27	2·93

It will be observed, that diseases of the Miasmatic order of the Zymotic class, which had exhibited a gradual decrease from 1866 to 1872, then rising a little in 1873, show a slight increase for the year under review.

In the following table there is a comparison between the percentage of deaths from each class and order of diseases to total number of deaths within the district of

Brisbane, and the percentage of such deaths within the Brisbane district to the whole number of deaths registered in the colony.

Q.

PERCENTAGE OF DEATHS, BRISBANE DISTRICT, FOR 1874.		BRISBANE DISTRICT, 1874, PERCENTAGE TO TOTAL DEATHS IN COLONY.	
Causes of Death.	—	Causes of Death.	—
I.—ZYMOTIC DISEASES.		CLASS No. I.	
1. Miasmatic Diseases	28.51	1. Miasmatic Diseases	8.12
2. Enthetic Diseases	0.75	2. Enthetic Diseases	0.21
3. Dietic Diseases	2.51	3. Dietic Diseases	0.72
4. Parasitic Diseases	0.50	4. Parasitic Diseases	0.14
TOTAL	32.28	TOTAL	9.19
II.—CONSTITUTIONAL DISEASES.		CLASS No. II.	
1. Diathetic Diseases	2.62	1. Diathetic Diseases	0.75
2. Tubercular Diseases	9.92	2. Tubercular Diseases	2.83
TOTAL	12.56	TOTAL	3.58
III.—LOCAL DISEASES.		CLASS III.	
1. Diseases of the Nervous System	12.81	1. Diseases of Nervous System	3.65
2. Diseases of the Organs of Circulation	3.77	2. Diseases of Organs of Circulation	1.07
3. Diseases of the Respiratory System	4.39	3. Diseases of Respiratory System	1.25
4. Diseases of the Digestive Organs	4.77	4. Diseases of Digestive Organs	1.36
5. Diseases of the Urinary Organs	0.75	5. Diseases of Urinary Organs	0.21
6. Diseases of the Organs of Generation	0.25	6. Diseases of Organs of Generation	0.07
7. Diseases of the Joints	0.25	7. Diseases of the Joints	0.07
8. Diseases of the Integumentary System	0.50	8. Diseases of the Integumentary System	0.14
TOTAL	27.51	TOTAL	7.84
IV.—DEVELOPMENTAL DISEASES.		CLASS No. IV.	
1. Diseases of Children	4.90	1. Diseases of Children	1.39
2. Diseases of Adults	0.88	2. Diseases of Adults	0.25
3. Diseases of Old People	2.26	3. Diseases of Old People	0.64
4. Diseases of Nutrition	12.56	4. Diseases of Nutrition	3.58
TOTAL	20.60	TOTAL	5.87
V.—VIOLENCE.		CLASS No. V.	
1. Accident or Negligence	5.78	1. Accident	1.65
2. Wounds in Battle ... ..	...	2. Homicide	0.04
3. Homicide	0.13	3. Suicide	0.04
4. Suicide	0.13	4. Executions	0.07
5. Execution	0.25	TOTAL	1.78
TOTAL	6.28		
Sudden deaths, cause not ascertained ... ..	...	Deaths, cause not ascertained ... ..	...
Deaths, cause ill-defined	0.25	Deaths, cause ill-defined	0.07
Deaths, cause unspecified	0.50	Deaths, cause unspecified, &c.	0.14
TOTAL FROM ALL CAUSES	100.00	TOTAL DEATHS, BRISBANE	28.49

It may be seen that the Deaths not traceable to a distinct cause, as registered in the Brisbane District for the year under review, are very few in number, and are less than in the former year, indicating an increased exactness in carrying out the system of registration in the District.

There can be but one opinion as to the neglected condition of our larger towns in the colony. It would seem that we had hitherto presumed upon the remarkable general healthfulness of our Australian climate to an extent which has amounted almost to a total disregard of all necessary precautions against what are known as preventible diseases. The time, however, has arrived when attention is at length aroused to the imperative necessity of some comprehensive system, not only of main-sewerage but of subsidiary and house-drainage, such as can alone prove effectual against the frightful evils which threaten from the class of diseases induced by overcrowding, and the poisonous exhalations of decomposing garbage and pestiferous sewage which lie sweltering in the sun throughout some of our streets. To turn this into the river might be little, if any, better than allowing it to lie, as hitherto, exposed in the open gutters; but surely it may be hoped that ere long, in connection with a thorough system of drainage we shall have the establishment of deodorising works, such as have proved successful in many parts of England, where what is otherwise a prolific source of disease and death has been rendered not only harmless, but actually turned into something of value, either as manure or otherwise, and thus been made to contribute towards paying for the necessary outlay. Whatever the cost may be, the question must, before long, be fairly looked in the face, and any amount of necessary outlay will prove the greatest economy, as long as it is incurred before the evil assumes larger proportions than already begin to loom upon us.

Throughout the colony the class of diseases known as "Constitutional" exhibit a proportion a little less than in the previous year 1873. It will be seen by Table XV in Appendix A that the proportion of deaths from phthisis under this class ranges very high. This may be accounted for in some measure by the number of persons suffering from a diseased condition of the lungs, who are attracted to Queensland by its dry and healthy climate, but are not sufficiently early in their trial of its beneficial effects.

Under class III, "Local Diseases," the first order, "Nervous Diseases," figure, as usual, largely; the rate of other orders of diseases in this class being very low.

In class IV, "Developmental," the diseases in the order "Nutrition" are somewhat lower than last year; but, as usual, the rate is higher than in any other order in this class of disease.

It will be seen in Table XV in Appendix A, that of all the causes of death, dysentery stands first in the order of fatality, 222 deaths having been thus caused. The number of deaths from this cause have more than doubled during the year under review, having increased from 102 to 222. This will be almost wholly accounted for by the fatality of the disease in the new gold-finding district of the Palmer.

The next in order in the list of causes of death in degree of fatality, stands "Convulsions," under which general head may doubtless be included many of the specific diseases incident to the period of infancy. The deaths from convulsions stand at 215, as against 186 in the previous year of 1873.

"Diarrhoea" presents a considerable increase, accounting for 177 deaths, as against 101 in the former year. Phthisis shows 163 against 145 in the former year.

"Teething" is returned as the cause of death in 77 cases; this being an increase in the year of 31. Many of the cases described under "Convulsions" might no doubt have been more carefully returned under this head.

"Remittent fever" exhibits a large increase in 1874 over the former year, numbering 116, as against 52.

“Heart disease” shows an increase in the year 1874 of 15 over the two former years, when the numbers were in both years alike, 71.

“Typhus fever” gives 78 as against 67 in 1873.

“Diphtheria” shows a large decrease, the deaths from this cause being only 47 in the year under review, as against 73 in the previous year 1873.

“Bronchitis” also shows a decrease, being 35 only against 63. “Whooping Cough” also has a decrease, being 24 to 59.

The following causes of death thus compare in number, as shown in the previous year.

Apoplexy, 1874 ...	...	44 as against 23 in 1873.
Alcoholism „ ...	...	36 „ 17 „
Dropsy „ ...	...	36 „ 18 „

The other causes of death exhibit little that is worthy of notice by comparison with the same causes of death in the year 1873.

“Old Age.”—It is observable how far down the list of causes of death this is found; showing how few, comparatively, in the colony have yet attained much beyond the middle period of life.

Deaths from violence, though not in so large a proportion as in some previous years, are yet seen to be too numerous, in all averaging 10·88 per cent. of the whole number of deaths. More than half of these are from drowning: 120 persons having thus died; a number considerably in excess of the cases reported during the former year.

There are ten cases of suicide, three of manslaughter, and two executions during the year, being by that number in excess of the year 1873, when happily not one criminal suffered this humiliating death.

“Murder.”—There have been eighteen cases of murder recorded in the year, of which ten males and two females met their death at the hands of aborigines in the far North, between the Cooktown and Palmer River Gold Fields.

Death was caused by lightning in three instances during the year, not one such case having occurred in 1873.

“Sunstroke” is recorded as the cause of death in six cases during the year under review, and it may be doubted whether such cases sometimes recorded might not generally have more properly been classed under a different head.

“Snake-bite” is recorded as the cause of death in four instances. This is insignificant as compared with the idea which often obtains in England that there is much danger to life everywhere in Australia from reptiles, and especially so in Queensland. The cases of death resulting from snake-bite, in an observation extending over several years, prove this to be a most groundless impression.

Our enterprise in the far North seems to have cost us two deaths, of Polynesians, from alligators. It would be well if nothing else had proved more fatal, but there is reason to fear that many have died in the bush on the long route from Cooktown to the Palmer, before the present road was found, of whom nothing will ever be known, and of whose end it can be only surmised, that they have fallen victims to the dangers incident to such adventures, from dysentery or other affections resulting from over fatigue, exposure, and want.

I have the honor to be,

Sir,

Your obedient Servant,

HENRY JORDAN,
Registrar-General.

GENERAL SCHEME OF CLASSIFICATION.

Class No. I.—ZYMOTIC DISEASES.

ORDER No. 1.—MIASMATIC DISEASES.

1. Small-pox.
- 1A. Chicken-pox.
2. Measles.
3. Scarletina.
- 3A. Diphtheria.
4. Quinsy.
5. Croup.
6. Whooping Coup.
7. Typhus (and Infantile Fever).
8. Erysipelas.
9. Metria.
10. Carbuncle, Boil, &c.
11. Influenza, Coryza, Catarrh.
12. Dysentery.
13. Diarrhoea.
14. Cholera.
15. Ague.
16. Remittent Fever, Fever, &c.
17. Rheumatism.
18. Others.

ORDER No. 2.—ENTHETIC DISEASES.

1. Syphilis.
2. Gonorrhoea, Stricture of the Urethra.
3. Hydrophobia.
4. Glanders.
5. Others.

ORDER No. 3.—DIETIC DISEASES.

1. Privation.
2. Want of Breast-milk.
3. Purpura and Scurvy.
4. Alcoholism { *a* Delirium Tremens.
 b Intemperance.
5. Others.

ORDER No. 4.—PARASITIC DISEASES.

1. Thrush.
2. Worms.
- 2A. Hydatid.
3. Others.

Class No. 2.—CONSTITUTIONAL DISEASES.

ORDER No. 1.—DIATHETIC DISEASE.

1. Gout.
2. Dropsy.
3. Cancer.
- 3A. Tumor.
- 3B. Polypus.
4. Noma.
5. Mortification.
6. Others.

ORDER No. 2.—TUBERCULAR DISEASES.

1. Scrofula.
2. Tabes Mesenterica.
3. Phthisis.
- 3A. Haemoptysis.
4. Hydrocephalus.
5. Others.

Class No. 3.—LOCAL DISEASES.

ORDER No. 1.—DISEASES OF THE NERVOUS SYSTEM.

1. Cephalitis.
2. Apoplexy.
3. Paralysis.
4. Insanity.
5. Chorea.
6. Epilepsy.
7. Convulsions.
8. Brain Disease, &c.

LOCAL DISEASES—continued.

ORDER No. 2.—DISEASES OF THE ORGANS OF CIRCULATION.

1. Pericarditis.
2. Aneurism.
3. Heart Disease, &c.

ORDER No. 3.—DISEASES OF THE RESPIRATORY SYSTEM.

1. Laryngitis.
2. Bronchitis.
3. Pleurisy.
4. Pneumonia.
- 4A. Congestion of the Lungs, Pulmonary Apoplexy.
5. Asthma.
6. Lung Disease, &c.

ORDER No. 4.—DISEASES OF THE DIGESTIVE ORGANS.

1. Gastritis.
2. Enteritis.
3. Peritonitis.
4. Ascites.
5. Ulceration of the Intestines.
6. Hernia.
7. Ileus.
8. Intussusception.
9. Stricture of Intestines.
10. Fistula.
11. Stomach Disease, &c.
12. Pancreas Disease, &c.
13. Hepatitis.
14. Jaundice.
15. Liver Disease, &c.
16. Spleen Disease, &c.

ORDER No. 5.—DISEASES OF THE URINARY ORGANS.

1. Nephritis.
2. Ischuria.
3. Nephria.
4. Diabetes.
5. Stone.
6. Cystitis.
7. Kidney Disease, &c.

ORDER No. 6.—DISEASES OF THE ORGANS OF GENERATION.

1. Ovarian Dropsy.
2. Uterus Disease, &c.

ORDER No. 7.—DISEASES OF JOINTS AND BONES.

1. Arthritis.
- 1A. Ostitis, Periostitis, &c.
2. Joint Disease, &c.

ORDER No. 8.—DISEASES OF THE INTEGUMENTARY SYSTEM.

1. Phlegmon.
2. Ulcer.
3. Skin Disease, &c.

Class No. 3.—DEVELOPMENTAL DISEASES.

ORDER No. 1.—DEVELOPMENTAL DISEASES OF CHILDREN.

1. Premature Birth.
2. Cyanosis.
3. Spina Bifida.
4. Other Malformations.
5. Teething.
6. Others.

ORDER No. 2.—DEVELOPMENTAL DISEASES OF ADULTS.

1. Paramenia.
2. Childbirth.
3. Others.

DEVELOPMENTAL DISEASES—continued.

ORDER No. 3.—DEVELOPMENTAL DISEASES OF OLD PEOPLE.

1. Old Age.
2. Senile Decay.

ORDER No. 4.—DEVELOPMENTAL DISEASES OF NUTRITION.

1. Atrophy.
- 1A. Debility.

Class No. 5.—VIOLENCE.

ORDER No. 1.—ACCIDENT OR NEGLIGENCE.

1. Fractures, Contusions, &c.
2. Gunshot Wounds.
3. Cuts, &c.
4. Burns.
5. Scalds.
6. Sunstroke.
7. Poison.
8. Bite of a snake or poisonous insect.
9. Drowning.
10. Suffocation.
11. }
12. }
13. }
14. } Other Accidents as certified.
15. }
16. }
17. }
18. }

ORDER No. 2.—WOUNDS IN BATTLE.

1. Gunshot and Others.
2. Sword or Bayonet.
3. Others.

ORDER No. 3.—HOMICIDE.

1. Murder.
2. Manslaughter.

ORDER No. 4.—SUICIDE.

1. Wounds { *A* Gunshot.
 B Cut, Stab, &c.
2. Poison.
3. Drowning.
4. Hanging.
5. Otherwise.

ORDER No. 5.—EXECUTION.

1. Hanging.

Class No. 5a.—CAUSE NOT DEFINED.

No. 1.—DEATHS, CAUSE NOT ASCERTAINED.

1. Found Dead.
2. Sudden Death.

No. 2.—DEATHS, CAUSE ILL-DEFINED.

1. Accidental Death.
2. Inflammation.
3. Natural Causes.
4. Visitation of God.
- 5.

No. 3.—DEATHS UNSPECIFIED.

1. Unspecified.

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APPENDIX TO REGISTRAR-GENERAL'S REPORT ON THE VITAL STATISTICS OF QUEENSLAND FOR THE YEAR 1874.

APPENDIX A.

Table No. I.

SYNOPSIS of the VITAL STATISTICS of QUEENSLAND, from the Year 1856 to 1874 inclusive.

YEAR.	POPULATION ON THE 31st DECEMBER OF EACH YEAR, ITS INCREASE NUMERICAL AND CENTESIMAL, AND PROPORTION OF THE SEXES.														MEAN POPULATION OF EACH YEAR, ITS NUMERICAL AND CENTESIMAL INCREASE.										BIRTHS, THEIR PROPORTION TO MEAN POPULATION OF EACH YEAR, AND THEIR NUMERICAL AND CENTESIMAL INCREASE.									
	POPULATION ON THE 31st DECEMBER.			NUMERICAL INCREASE IN POPULATION OF 31st DECEMBER.			CENTESIMAL RATIO OF INCREASE IN POPULATION OF 31st DECEMBER.			Proportion of Females to each 100 Males in total population of each year.	Male additions to Population of 31st December of each year arising from excess of Births over Deaths.	Female additions to Population of 31st December of each year, arising from excess of Births over Deaths.	Total additions to Population of 31st December of each year, arising from excess of Births over Deaths.	Centesimal increase to Population of 31st December of each year from excess of Births over Deaths.	MEAN POPULATION OF EACH YEAR.			NUMERICAL INCREASE IN MEAN POPULATION OF EACH YEAR.			CENTESIMAL RATIO OF INCREASE IN MEAN POPULATION OF EACH YEAR.			Proportion of Females to each 100 Males in mean population of each year.	Male Births registered each year.	Female Births registered each year.	Total Births registered each year.	Numerical Increase* or Decrease† of Births of each year.	Centesimal Increase* or Decrease† in Births of each year.	Centesimal Proportion of Births bear to Mean Population of each year.	Number of Female Births to each 100 Male Births.			
	Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.						Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.											
1856...	11,254	7,290	18,544	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1857...	12,462	8,190	20,652	1,208	900	2,108	10.73	12.34	11.31	65.73	181	276	457	2.47	11,858	7,740	19,598	...	...	...	...	...	...	65.23	381	374	755	...	...	3.85	98.1
1858...	13,276	9,029	22,305	814	839	1,653	6.53	10.24	8.00	68.01	212	385	597	2.69	12,869	8,609	21,478	1,011	869	1,880	8.53	11.23	9.59	65.27	487	488	975	*220	*20.13	4.53	100.20			
1859...	13,854	9,666	23,520	578	637	1,215	4.35	7.06	5.44	69.77	327	411	738	3.30	13,565	9,347	22,912	696	738	1,434	5.41	8.57	6.68	68.90	547	522	1,069	*94	*9.64	4.50	95.43			
1860...	16,817	11,239	28,056	2,963	1,573	4,536	21.46	16.27	19.29	66.83	325	433	758	3.22	15,335	10,453	25,788	1,770	1,106	2,876	13.04	11.83	12.55	68.16	646	590	1,236	*167	*15.62	4.57	91.61			
1861...	20,811	13,556	34,367	3,994	2,317	6,311	23.75	17.09	22.09	65.09	383	541	924	3.29	18,814	12,397	31,211	3,479	1,944	5,423	22.69	18.59	21.03	65.89	739	684	1,423	*187	*15.13	4.56	92.56			
1862...	27,186	17,891	45,077	6,375	4,335	10,710	30.63	31.97	31.16	62.14	387	518	905	2.63	23,998	15,724	39,722	5,184	3,327	8,511	27.55	26.84	27.27	65.56	903	799	1,702	*279	*19.60	4.29	88.48			
1863...	37,579	24,061	61,640	10,393	6,170	16,563	38.23	34.48	36.74	64.03	296	650	946	2.09	32,382	20,976	53,358	8,384	5,252	13,636	34.94	33.40	34.33	64.78	1,094	1,127	2,221	*519	*30.49	4.16	103.02			
1864...	45,516	28,520	74,036	7,937	4,459	12,396	21.12	18.53	20.11	62.66	575	865	1,440	2.34	41,548	26,290	67,838	9,166	5,314	14,480	28.31	25.33	27.14	63.27	1,472	1,411	2,883	*662	*29.80	4.25	95.86			
1865...	53,316	34,488	87,804	7,800	5,968	13,768	17.14	20.93	15.68	64.69	807	992	1,799	2.43	49,416	31,504	80,920	7,868	5,214	13,082	18.94	19.83	19.28	63.75	1,794	1,738	3,532	*649	*22.51	4.36	96.88			
1866...	57,307	38,894	96,201	3,991	4,406	8,397	7.48	12.79	9.56	67.87	692	1,073	1,765	2.01	55,312	36,691	92,003	5,896	5,187	11,083	11.93	16.46	13.69	66.33	2,138	1,989	4,127	*595	*16.85	4.48	93.07			
1867...	59,836	40,013	99,849	2,529	1,119	3,648	4.41	2.88	3.79	66.87	1,187	1,544	2,731	2.85	58,572	39,453	98,025	3,260	2,762	6,022	5.89	7.53	6.55	67.36	2,275	2,201	4,476	*349	*8.48	4.57	96.75			
1868...	65,843	41,584	107,427	6,007	1,571	7,578	10.04	3.92	7.59	63.12	1,102	1,559	2,661	2.66	62,839	40,799	103,638	4,267	1,346	5,613	7.28	3.41	5.73	64.92	2,267	2,193	4,460	+16	+0.36	4.30	93.07			
1869...	66,571	43,326	109,897	728	1,742	2,470	1.10	4.19	2.30	65.09	1,263	1,630	2,893	2.63	66,207	42,455	108,662	3,368	1,656	5,024	5.36	4.06	4.84	64.13	2,412	2,242	4,654	*194	*4.35	4.28	92.95			
1870...	69,629	45,938	115,567	3,058	2,612	5,670	4.59	5.68	5.16	66.29	1,495	1,765	3,260	2.96	68,100	44,632	112,732	1,893	2,177	4,070	2.86	4.88	3.75	65.39	2,555	2,350	4,905	*251	*5.39	4.35	91.98			
1871...	74,622	50,524	125,146	4,993	4,586	9,579	7.17	9.98	8.28	67.70	1,484	1,936	3,420	2.73	72,125	48,231	120,356	4,025	3,599	7,624	5.91	8.06	6.76	66.87	2,676	2,529	5,205	*300	*6.12	4.32	94.50			
1872...	79,618	53,935	133,553	4,996	3,411	8,407	6.69	6.75	6.72	67.74	1,382	1,947	3,329	2.66	77,120	52,230	129,350	4,995	3,999	8,994	6.93	8.29	7.47	67.71	2,620	2,645	5,265	*60	*1.15	4.07	100.95			
1873...	87,154	59,536	146,690	7,536	5,601	13,137	9.46	10.38	9.83	68.31	1,574	1,896	3,470	2.60	83,386	56,736	140,122	6,266	4,506	10,772	8.12	8.63	8.33	68.04	2,945	2,775	5,720	*455	*8.64	4.08	94.23			
1874...	97,860	65,657	163,517	10,706	6,121	16,827	12.28	10.28	11.47	67.09	1,503	2,086	3,589	2.44	92,507	62,596	155,103	9,121	5,860	14,981	10.93	10.33	10.69	67.66	3,280	3,103	6,383	*663	*11.59	4.12	94.60			

YEAR.	DEATHS, THEIR PROPORTION TO MEAN POPULATION, THEIR ANNUAL, NUMERICAL, AND CENTESIMAL INCREASE.							INFANTINE MORTALITY, AND ITS PROPORTION TO MEAN POPULATION, ITS INCREASE OR DECREASE, NUMERICAL AND CENTESIMAL.							MARRIAGES, THEIR INCREASE OR DECREASE, NUMERICAL AND CENTESIMAL, AND THEIR PROPORTION TO MEAN POPULATION OF EACH YEAR.																																																																																																																																												
	Male Deaths registered each year.	Female Deaths registered each year.	Total Deaths registered each year.	Numerical Increase* or Decrease† in Deaths of each year.	Centesimal Increase* or Decrease† in Deaths of each year.	Centesimal Proportion total Deaths bear to Mean Population of each year.	Number of Female Deaths to each 100 Male Deaths.	Below 2 years of age.	2 and under 5 years of age.	Total below 5 years of age.	Numerical Increase* or Decrease† in Deaths of Children below 5 years of age.	Centesimal Increase* or Decrease† in Deaths of Children below 5 years of age.	Centesimal Proportion Deaths of Children below 5 years of age bear to the total Deaths of each year.	Centesimal Deaths of Children below 5 years of age bear to Mean Population of each year.	DENOMINATION.																																																																																																																																												
															Church of Eng-land.	Church of Rome.	Presbyterians	Westeyan Methodist.	Primitive Methodist.	United Metho-dist.	Congregational.	Baptist.	Particular Bap-tist.	Lutheran.	Burnett Pro-tes-tant Church.	Hebrew.	German Inde-pendent.	Bible Christians.	Registration Act.	Total Marriages.	Numerical Increase* or Decrease† in Total Marriages.	Centesimal Increase* or Decrease† in Total Marriages.	Centesimal proportion total Marriages bear to Mean Population of each year.																																																																																																																										
1856...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No Returns	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																																																																																																		
1857...	200	98	298	...	...	1.52	49.00	...	...	...	...	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.82																																																																																										
1858...	275	103	378	*80	*26.84	1.76	37.45	...	...	...	...	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.93																																																																																												
1859...	220	111	331	+47	+12.43	1.39	50.45	...	...	...	...	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.90																																																																																												
1860...	321	157	478	*147	*44.41	1.77	48.91	179	29	208	...	...	...	...	57	47	46	30	1	...	24	12	...	3	...	...	...	...	...	...	...	...	...	...	1.03																																																																																																										
1861...	357	143	500	*22	*4.60	1.60	40.05	169	19	188	+20	+9.61	37.60	0.59	80	61	47	27	2	...	30	16	...	5	...	...	...	...	...	...	...	...	...	...	1.02																																																																																																														
1862...	516	281	797	*297	*59.40	2.02	54.45	296	66	362	*174	*92.55	45.42	0.89	141	104	86	41	13	...	61	31	...	25	...	...	...	...	...	...	...	...	...	...	1.43																																																																																																														
1863...	798	477	1,275	*478	*60.22	2.39	50.89	488	140	623	*266	*73.48	49.25	1.16	153	166	171	43	5	7	52	40	...	31	...	...	...	...	...	...	...	...	...	...	1.45																																																																																																														
1864...	900	546	1,446	*171	*13.41	2.13	60.66	520	119	639	*11	*1.75	44.19	0.94	154	237	194	67	28	12	48	48	...	40	...	...	...	...	...	...	...	...	...	...	1.46																																																																																																														
1865...	987	746	1,733	*287	*19.85	2.14	75.58	786	117	903	*264	*41.31	55.10	1.11	158	320	204	61	39	3	56	53	...	56	...	...	...	...	...	...	...	...	...	...	1.33																																																																																																														
1866...	1,446	916	2,362	*629	*36.29	2.56	63.39	1,008	174	1,182	*179	*19.82	50.04	1.28	184	311	161	73	36	2	58	33	8	61	...	...	...	...	...	...	...	...	...	...	...	1.16																																																																																																												
1867...	1,088	657	1,745	+617	+26.12	1.78	60.39	806	140	947	+235	+19.97	54.21	0.97	134	261	141	87	40	3	54	23	5	55	...	...	...	...	...	...	...	...	...	...	...	0.95																																																																																																												
1868...	1,165	684	1,799	*54	*3.09	1.73	54.42	746	149	895	+52	+5.49	49.74	0.86	135	244	161	53	23	3	53	36	10	43	0.83																																																																																																																						
1869...	1,149	612	1,761	+38	+2.11	1.62	53.26	727	100	827	+68	+7.59	46.96	0.76	146	230	160	65	33	1	50	40	3	51	0.83																																																																																																																					
1870...	1,060	585	1,645	+116	+6.58	1.46	55.19	655	111	766	+61	+7.38	46.56	0.63	171	240	139	64	37	4	35	35	2	51	0.78																																																																																																																					
1871...	1,192	593	1,785	*140	*8.51	1.48	49.74	653	139	792	*26	*3.39	44.37	0.65	219	215	145	65	62	...	37	39	6	73	0.81																																																																																																																				
1872...	1,238	698	1,936	*151	*8.46	1.50	56.38	756	136	892	*100	*12.62	46.07	0.69	214	268	176	74	67	3	42	43	3	109	0.87																																																																																																																			
1873...	1,371	879	2,250	*314	*16.67	1.60	64.11	910	186	1,096	*204	*22.86	48.71	0.78	271	298	203	104	88	7	60	25	7	109	

YEAR.	DEATHS, THEIR PROPORTION TO MEAN POPULATION, THEIR ANNUAL, NUMERICAL, AND CENTESIMAL INCREASE.							INFANTINE MORTALITY, AND ITS PROPORTION TO MEAN POPULATION, ITS INCREASE OR DECREASE, NUMERICAL, AND CENTESIMAL.							MARRIAGES, THEIR INCREASE OR DECREASE, NUMERICAL AND CENTESIMAL, AND THEIR PROPORTION TO MEAN POPULATION OF EACH YEAR.																				
	Male Deaths registered each year.	Female Deaths registered each year.	Total Deaths registered each year.	Numerical Increase* or Decrease† in Deaths of each year.	Centesimal Increase* or Decrease† in Deaths of each year.	Centesimal Proportion total Deaths bear to Mean Population of each year.	Number of Female Deaths to each 100 Male Deaths.	Below 2 years of age.	2 and under 5 years of age.	Total below 5 years of age.	Numerical Increase * or Decrease† in Deaths of Children below 5 years of age.	Centesimal Increase* or Decrease† in Deaths of Children below 5 years of age.	Centesimal Proportion Deaths of Children below 5 years of age bear to the total Deaths of each year.	Centesimal Proportion Deaths of Children below 5 years of age bear to Mean Population of each year.	DENOMINATION.																				
															Church of Eng-land.	Church of Rome.	Presbyterians.	Wesleyan Methodist.	Primitive Methodist.	United Metho-dist.	Congregational.	Baptist.	Particular Bap-tist.	Lutheran.	Burnett Pro-Testant Church.	Hebrew.	German Inde-pendent.	Bible Christians.	Registration Act.	Total Marriages.	Numerical Increase* or Decrease† in Total Marriages.	Centesimal Increase* or Decrease† in Total Marriages.	Centesimal proportion total Marriages bear to Mean Population of each year.		
1856...	No Returns
1857... ..	200	98	298	1.52	49.00	Ditto	161	0.82	
1858... ..	275	103	378	* 80	*26.84	1.76	37.45	...	...	...	...	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	201	* 40	*24.84	0.93
1859... ..	220	111	331	† 47	†12.43	1.39	50.45	...	...	...	...	...	...	...	Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	214	* 13	* 6.46	0.90
1860... ..	321	157	478	*147	*44.41	1.77	48.91	179	29	208	...	...	43.51	0.77	57	47	46	30	1	...	24	12	...	3	...	...	...	...	58	278	* 64	*29.19	1.03
1861... ..	357	143	500	* 22	* 4.60	1.60	40.05	169	19	188	† 20	† 9.61	37.60	0.59	80	61	47	27	2	...	30	16	...	5	...	...	...	...	51	320	* 42	*15.11	1.02
1862... ..	516	281	797	*297	*59.40	2.02	54.45	296	66	362	*174	*92.55	45.42	0.89	141	104	86	41	13	...	61	31	...	25	...	...	...	...	68	570	*250	*78.12	1.43
1863... ..	798	477	1,275	*478	*60.22	2.39	50.89	488	140	623	*266	*73.48	49.25	1.16	153	166	171	43	5	7	52	40	...	31	...	...	...	...	106	774	*204	*35.79	1.45
1864... ..	900	546	1,446	*171	*13.41	2.13	60.66	520	119	639	* 11	* 1.75	44.19	0.94	154	237	194	67	28	12	48	48	...	40	...	...	...	...	123	951	*177	*22.86	1.46
1865... ..	987	746	1,733	*287	*19.85	2.14	75.58	786	117	903	*264	*41.31	55.10	1.11	158	320	204	61	39	3	56	53	...	56	...	...	...	...	124	1,074	*123	*12.93	1.33
1866... ..	1,446	916	2,362	*629	*36.29	2.56	63.39	1,008	174	1,182	*179	*19.82	50.04	1.28	184	311	161	73	36	2	58	33	8	61	...	...	9	...	132	1,068	† 6	†—0.56	1.16
1867... ..	1,088	657	1,745	†617	†26.12	1.78	60.39	806	140	947	†235	†19.97	54.21	0.97	134	261	141	87	40	3	54	23	5	55	...	...	15	3	114	935	†123	†—13.16	0.95
1868... ..	1,165	634	1,799	* 54	* 3.09	1.73	54.42	746	149	895	† 52	† 5.49	49.74	0.86	135	244	161	53	23	3	53	36	10	43	...	4	7	1	90	863	† 72	†—7.70	0.83		
1869... ..	1,149	612	1,761	† 38	† 2.11	1.62	53.26	727	100	827	† 68	† 7.59	46.96	0.76	146	230	160	65	33	1	50	40	3	51	...	...	9	1	114	903	* 40	* 4.64	0.83
1870... ..	1,060	585	1,645	†116	†6.58	1.46	55.19	655	111	766	† 61	† 7.38	46.56	0.63	171	240	139	64	37	4	35	35	2	51	...	...	1	2	98	879	† 24	† 2.66	0.78
1871... ..	1,192	593	1,785	*140	*8.51	1.48	49.74	653	139	792	* 26	* 3.39	44.37	0.65	219	215	145	65	62	...	37	39	6	73	...	...	1	...	108	970	* 91	*10.35	0.81
1872... ..	1,238	698	1,936	*151	*8.46	1.50	56.38	756	136	892	*100	*12.62	46.07	0.69	214	268	176	74	67	3	42	43	3	109	...	...	2	2	120	1,125	*155	*15.98	0.87
1873... ..	1,371	879	2,250	*314	*16.67	1.60	64.11	910	186	1,096	*204	*22.86	48.71	0.78	271	298	203	104	88	7	60	25	7	109	...	6	...	2	174	1,354	*229	*20.36	0.96		
1874... ..	1,777	1,017	2,794	*544	*24.18	1.80	57.23	1,027	178	1,205	*109	* 9.94	43.13	0.78	300	257	235	96	84	4	56	26	5	118	1	6	152	1,340	† 14	† 1.04	0.86		

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POPULATION.

Table No. II.

SHOWING the ESTIMATED POPULATION on 31st December, 1873; the NUMBER of BIRTHS, DEATHS, and MARRIAGES REGISTERED in Queensland during the year 1874; the ESTIMATED POPULATION, and the ESTIMATED MEAN POPULATION of the Colony for the Year 1874.

Estimated Population, 31st December, 1873.			Births Registered in 1874.			Marriages Registered in 1874.	Deaths Registered in 1874.			Estimated Population, 31st December, 1874.			Estimated Mean Population for the year 1874.		
Males.	Females.	Persons.	Males.	Females.	Persons.		Males.	Females.	Persons.	Males.	Females.	Persons.	Males.	Females.	Persons.
87,154	59,536	146,690	3,280	3,103	6,383	1,340	1,777	1,017	2,794	97,860	65,657	163,517	92,507	62,596	155,103

BIRTHS.

Table No. III.

SHOWING the NUMBER of BIRTHS REGISTERED in Queensland, in each Quarter of the Year 1874.

REGISTRY DISTRICT.	FIRST QUARTER.		SECOND QUARTER.		THIRD QUARTER.		FOURTH QUARTER.		TOTAL OF EACH SEX.		GRAND TOTAL.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Banana ...	1	...	1	2	4	...	3	1	9	3	12
Bowen ...	11	6	13	10	8	7	7	5	39	28	67
Brisbane ...	202	178	209	200	217	194	222	176	850	748	1,598
Cape River ...	1	...	2	...	...	1	...	...	3	1	4
Cardwell ...	2	4	3	7	4	2	4	3	13	16	29
Clermont ...	23	22	20	24	16	18	20	23	79	87	166
Condamine ...	3	3	1	1	6	2	3	3	13	9	22
Cooktown ...	...	...	...	...	3	6	4	1	7	7	14
Dalby ...	19	18	13	23	22	20	20	9	74	70	144
Dalrymple ...	...	...	...	...	...	1	...	...	...	1	1
Gayndah ...	21	15	10	24	20	16	15	24	66	79	145
Gilberton ...	6	6	2	2	3	...	1	2	12	10	22
Gladstone ...	7	4	8	6	14	12	12	19	41	41	82
Goodna ...	12	12	16	12	16	10	9	11	53	45	98
Goondiwindi ...	7	3	2	2	7	1	2	3	18	9	27
Gympie ...	39	28	47	27	44	45	39	18	169	118	287
Ipswich ...	102	98	78	101	109	96	99	89	388	384	772
Leyburn ...	6	2	3	3	2	3	6	3	17	11	28
Logan ...	19	13	26	18	16	18	22	19	83	68	151
Mackay ...	10	16	13	12	19	16	17	21	59	65	124
Maryborough ...	67	53	63	62	87	87	57	58	274	260	534
Mitchell ...	3	2	3	1	2	2	...	5	8	10	18
Nanango ...	...	3	...	3	3	...	1	1	4	7	11
Norman ...	...	1	...	...	...	2	1	...	1	3	4
Palmer ...	...	...	1	...	1	1	3	...	5	1	6
Paroo ...	...	...	...	...	...	...	1	1	1	1	2
Ravenswood ...	21	23	14	14	13	21	18	17	66	75	141
Rockhampton ...	78	69	71	79	81	73	66	68	296	289	585
Roma ...	11	11	14	16	12	18	15	12	52	67	109
Somerset ...	...	...	...	...	...	...	...	...	...	...	NIL
Springsure ...	3	3	2	5	7	12	3	12	15	32	47
Stanthorpe ...	27	24	17	23	23	15	20	16	87	78	165
St. George ...	3	1	3	3	6	4	8	2	20	10	30
St. Lawrence ...	3	3	1	5	5	6	5	4	14	18	32
Surat ...	1	1	2	2	3	2	5	2	11	7	18
Taroom ...	2	3	...	4	2	3	...	1	4	11	15
Toowoomba ...	58	66	74	51	55	60	47	58	234	235	469
Townsville ...	15	14	13	12	13	12	8	7	49	45	94
Warrego North ...	3	2	3	3	3	2	2	...	11	7	18
Warrego South ...	...	1	...	...	1	...	...	...	1	1	2
Warwick ...	46	39	31	34	33	42	24	41	134	156	290
TOTAL ...	832	747	779	791	880	830	789	735	3,280	3,103	6,383
TOTAL EACH QUARTER ...	1,579		1,570		1,710		1,524		6,333		

Table No. IV.
SHOWING the NUMBER of MARRIAGES REGISTERED during the Year 1874.

Registry District.	Church of England.	Church of Rome.	Presbyterian and United Presbyterian.	Wesleyan Methodists.	Primitive Methodist.	United Methodist Free Church.	Congregational.	Baptist.	Particular Baptist.	Lutheran.	Burnett Protestant Church.	Hebrew Church.	German Independent Church.	Bible Christians.	Registration and Justices Marrying Act's.	Total in 1874.
Banana ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	14
Bowen ...	6	2	...	...	...	...	...	...	...	...	...	...	...	...	7	404
Brisbane ...	95	63	120	26	22	1	17	18	5	25	...	...	...	5	1	1
Cape River ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3
Cardwell ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	29	46
Clermont ...	5	8	4	...	...	...	...	...	...	...	...	...	...	...	5	5
Condamine ...	...	1	...	...	...	...	4	...	...	...	...	...	...	...	5	9
Cooktown ...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	5	29
Dalby ...	8	11	2	...	...	...	3	...	...	...	...	...	...	...	...	1
Dalrymple ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	21
Gayndah ...	...	2	...	15	...	...	...	...	...	...	1	...	...	...	2	3
Gilberton ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	7
Gladstone ...	3	1	1	...	...	...	...	...	...	...	...	...	...	1	...	10
Goodna ...	3	2	...	...	...	...	4	...	...	...	...	...	...	...	3	4
Goondiwindi ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	48
Gympie ...	3	12	15	6	6	...	5	...	...	...	...	...	...	...	11	108
Ipswich ...	17	23	15	11	2	3	8	3	...	15	...	...	...	...	...	2
Leyburn ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	25
Logan ...	6	...	1	4	...	...	1	2	...	10	...	...	...	...	...	25
Mackay ...	11	8	6	...	...	...	...	...	...	...	...	...	...	...	25	159
Maryborough ...	13	24	31	15	...	...	...	...	...	51	...	...	...	...	1	1
Mitchell ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nanango ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Norman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
Palmer ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paroo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	24
Ravenswood ...	11	4	...	...	...	...	...	...	...	...	...	...	...	...	11	142
Rockhampton ...	29	25	15	2	54	...	3	3	...	...	...	...	...	...	2	17
Roma ...	6	3	...	...	...	...	6	...	...	...	...	...	...	...	1	1
Somerset ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	7
Springsure ...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	4	30
Stanthorpe ...	16	6	3	1	...	...	...	...	...	...	...	...	...	...	2	2
St. George ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3
St. Lawrence ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
Surat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Taroom ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	80
Toowoomba ...	22	20	9	5	...	...	5	...	...	17	...	...	...	...	1	42
Townsville ...	25	16	...	...	...	...	...	...	...	...	...	...	...	...	2	2
Warrego North ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warrego South ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	59
Warwick ...	17	20	9	11	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS ...	300	257	235	96	84	4	56	26	5	118	1	...	...	6	152	1,340

Table No. V.
SHOWING the NATIONALITY of 1,340 HUSBANDS and 1,340 WIVES MARRIED in QUEENSLAND, during the Year 1874.

			NATIONALITY OF WIVES.																													
			AUSTRALIAN COLONIES.							GREAT BRITAIN.			EUROPE.										AMERICA.		AFRICA.		POLYNESIA.		Other Countries not named.	At Sea.	Unspecified.	Total.
			Queensland.	New South Wales.	Victoria.	South Australia.	Western Australia.	Tasmania.	New Zealand.	England.	Scotland.	Ireland.	Germany.	France.	Norway.	Sweden.	Denmark.	Holland.	Switzerland.	Austria.	Spain.	British Possessions in Europe.	British America.	United States.	Born of European Parents.	Natives.	Born of European Parents.	Natives.				
Australia	Queensland	...	13	5	1	...	...	...	13	4	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	46
	New South Wales	...	14	19	3	...	...	...	30	6	6	4	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	84
	Victoria	...	2	2	...	...	...	...	6	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
	South Australia	...	1	1	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	Western Australia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tasmania	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Great Britain	New Zealand	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	England and Wales	...	45	26	9	2	...	3	2	273	40	75	9	2	1	...	5	...	...	...	1	1	...	...	...	...	...	1	2	...	497
	Scotland	...	15	5	...	2	...	...	...	42	32	21	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	120
	Ireland	...	23	16	3	1	...	2	...	41	5	153	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	248
Europe	Germany	...	6	6	1	...	...	...	1	15	5	5	107	...	4	1	5	...	2	...	...	1	...	...	...	...	...	...	1	...	160
	France	...	...	...	...	...	...	...	...	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
	Norway	...	...	...	...	...	...	...	...	3	1	1	...	...	5	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	15
	Sweden	...	...	...	...	...	...	...	...	3	...	5	3	...	...	4	3	...	...	...	...	1	...	...	...	...	...	...	...	...	19
	Denmark	...	1	...	...	...	...	...	...	8	...	...	11	...	4	...	30	...	1	...	...	...	...	...	...	...	...	...	...	...	55
	Holland	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Italy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Switzerland	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	5
	Austria	1	1
	Poland
	Russia	...	2	2
	Spain	2	2
	Greece
	America	British Possessions of Europe	3	...	1	1
British America		1	1	...	1	...	2	5
United States		1	1	2	2	1	...	1	8
Africa	Born of European Parents	...	1	2	3
India	Born of European Parents	1	...	2	3
	Natives	1	1
China	Born of European Parents
	Natives	...	1	...	1	7	...	2	1	...	1	...	1	14
Polynesia	Born of European Parents
	Natives	1	1	2
Countries not above named			...	1	4	1	1	1	8
At Sea			...	2	1	1	1	5
Countries unspecified		
TOTAL			129	84	19	5	...	6	3	466	97	292	145	2	16	6	50	...	5	...	4	3	2	...	...	...	...	4	2	...	1,340

This Table may be read thus:—Following the first line horizontally across the table, it appears that 46 men, natives of Queensland, were married during the year, of whom 13 were married to Queensland women, 5 to women natives of New South Wales, 1 to a native of Victoria, 13 to English women, and so on. Following the first column downwards, it appears that 129 women, natives of Queensland, were married, of whom 13 were married to men natives of the Colony, 14 to natives of New South Wales, 2 to Victorians, 1 to a South Australian, 2 to natives of New Zealand, and so on.

Table No. VII.
SHOWING the NUMBER of DEATHS REGISTERED in Queensland, in EACH QUARTER of the Year 1874.

REGISTRY DISTRICT.	FIRST QUARTER.		SECOND QUARTER.		THIRD QUARTER.		FOURTH QUARTER.		TOTAL OF EACH SEX.		GRAND TOTAL.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Banana ...	...	...	2	1	...	...	1	...	3	1	4
Bowen ...	5	5	...	1	1	2	2	1	8	9	17
Brisbane...	113	88	113	102	89	56	141	94	456	340	796
Cape River	1	...	1	...	...	...	...	...	2	...	2
Cardwell...	19	3	13	5	2	1	3	1	37	10	47
Clermont ...	10	6	11	6	7	3	6	4	34	19	53
Condamine ...	...	1	1	...	...	...	...	...	1	...	2
Cooktown ...	...	...	14	...	10	2	31	8	55	11	66
Dalby ...	13	4	6	7	9	1	8	3	36	15	51
Dalrymple ...	...	...	...	...	...	...	...	...	...	...	1
Gayndah ...	5	7	1	3	7	4	...	...	...	...	33
Gilberton ...	5	1	2	1	2	...	5	1	18	15	33
Gladstone ...	3	1	3	6	1	...	1	2	10	4	14
Goodna ...	11	5	3	3	1	1	5	2	12	10	22
Goondiwindi	1	...	1	...	10	4	5	3	29	15	44
Gympie ...	13	4	14	...	1	...	3	1	6	1	7
Ipswich ...	37	29	30	25	27	8	23	10	44	30	74
Leyburn...	2	1	7	...	...	...	3	...	6	1	7
Logan ...	4	7	6	6	7	6	14	6	32	25	57
Mackay ...	12	5	15	5	12	4	22	7	61	21	82
Maryborough	54	23	46	24	36	29	60	25	196	101	297
Mitchell ...	10	...	7	...	5	...	...	...	22	...	22
Nanango ...	...	...	1	...	1	...	...	...	...	...	2
Norman ...	2	...	...	...	1	...	...	...	7	...	7
Palmer ...	16	...	6	...	32	...	53	...	127	...	127
Paroo ...	...	...	...	...	...	...	...	...	...	...	...
Ravenswood	8	7	4	2	12	3	3	1	27	13	40
Rockhampton	36	33	33	37	30	26	28	19	127	115	242
Roma ...	5	8	5	1	5	3	3	1	18	13	31
Somerset ...	1	...	...	...	1	...	...	...	2	...	2
Springure ...	4	...	3	1	3	...	7	1	17	2	19
Stanthorpe	10	5	1	2	8	4	6	3	32	17	49
St. George ...	...	...	2	...	2	...	13	3	9	3	12
St. Lawrence	...	...	4	2	2	...	1	2	7	4	11
Surat ...	2	1	2	2	2	1	3	...	7	4	11
Taroom ...	1	...	2	1	1	...	1	...	4	3	7
Toowoomba	31	12	13	14	16	9	23	22	83	57	140
Townsville	8	6	18	2	15	4	10	5	51	17	68
Warrego North	2	...	4	2	5	...	1	1	12	3	15
Warrego South	3	...	...	1	1	...	...	...	4	1	5
Warwick ...	9	11	13	10	11	6	18	7	51	34	85
TOTAL ...	455	274	424	281	379	202	519	260	1,777	1,017	2,794
TOTAL EACH QUARTER	729	...	705	...	581	...	779	...	2,794	...	2,794

Table No. VIII.

RETURN showing the NUMBER of DEATHS of CHILDREN, Male and Female, under FIVE YEARS of AGE, Registered during the Year 1874.

REGISTRY DISTRICT.	UNDER TWO YEARS.		TWO YEARS AND UNDER FIVE YEARS.		TOTAL UNDER FIVE YEARS.		TOTAL NUMBER OF DEATHS IN EACH DISTRICT UNDER FIVE YEARS.
	Males.	Females.	Males.	Females.	Males.	Females.	
Banana ...	...	...	...	...	...	...	...
Bowen ...	2	4	1	1	3	5	8
Brisbane...	181	173	33	28	214	201	415
Cape River	...	...	...	...	...	...	...
Cardwell ...	1	5	1	...	2	5	7
Clermont ...	4	10	...	2	4	12	16
Condamine ...	...	...	...	...	...	...	...
Cooktown ...	3	5	...	1	3	6	9
Dalby ...	10	9	1	1	11	10	21
Dalrymple ...	...	1	...	...	...	1	1
Gayndah ...	8	9	...	1	8	10	18
Gilberton ...	4	4	...	...	4	4	8
Gladstone ...	6	3	1	1	7	4	11
Goodna ...	8	4	...	...	8	4	12
Goondiwindi	1	...	...	...	1	...	1
Gympie ...	17	12	6	4	23	16	39
Ipswich ...	55	48	6	6	61	54	115
Leyburn ...	3	1	1	...	4	1	5
Logan ...	11	14	2	3	13	17	30
Mackay ...	15	10	3	1	18	11	29
Maryborough	66	47	11	12	77	59	136
Mitchell ...	1	...	1	...	2	...	2
Nanango ...	...	...	...	...	...	...	...
Norman ...	1	...	1	...	2	...	2
Palmer ...	...	...	...	...	...	...	...
Paroo ...	5	8	2	1	7	9	16
Ravenswood	36	58	5	17	41	75	116
Rockhampton	1	5	1	1	2	6	8
Roma ...	...	...	...	...	...	...	...
Somerset ...	1	2	...	...	1	2	3
Springure ...	20	6	1	2	21	8	29
Stanthorpe	3	1	...	1	3	2	5
St. George ...	1	2	...	...	1	2	3
St. Lawrence	1	2	...	...	1	2	3
Surat ...	1	1	...	...	1	1	2
Taroom ...	1	1	...	...	1	1	2
Toowoomba	34	30	5	6	39	36	75
Townsville	15	6	...	1	15	7	22
Warrego North	1	1	...	...	1	1	2
Warrego South	...	...	...	...	...	...	...
Warwick ...	16	14	3	3	19	17	36
TOTAL ...	532	495	85	93	617	588	1,205

Table No. X.
TABLE showing the OCCUPATIONS of 2,794 PERSONS who DIED in QUEENSLAND, during the Year 1874.

REGISTRY DISTRICT.	Civil Officers and Sub-ordinates.	LEARNED PROFESSIONS.						Literature, Arts, and Sciences.		Children.		Trade and Commerce.		Mechanics, Artificers, and Skilled Workmen.	Unskilled Workmen.	MINERS.				PASTORAL PURSUITS.				AGRICULTURAL PURSUITS.				Domestic Duties.		Domestic Servants.		Mariners.	PUBLIC BURTHEN.						Calling Unspecified.		TOTAL.	
		Naval and Military.	Clerical.	Judicial and Legal.	Medical and Surgical.	Other Educated Professions.	Gold, &c.									Copper.	Tin.	Coal and Base Metals.	Graziers.	Superintendents.	Shepherds.	Stockmen.	Persons receiv- ing Public Sup- port.										Criminals.	Lunatics.								
		M.	M.	M.	M.	M.	M.	F.	M.	F.	M.	F.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.	F.	M.	F.	M.	M.	F.	M.	M.	F.	M.	F.	M.	F.					
Banana	1	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1					
Bowen	1	...	...	3	5	1	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	9						
Brisbane ...	6	1	1	1	1	4	1	2	...	234	225	34	1	37	48	11	...	...	...	...	4	1	3	...	17	...	100	4	8	14	4	...	2	...	27	5	456	340
Cape River	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...						
Cardwell	1	...	...	6	3	7	21	...	...	...	...	...	...	...	...	1	...	3	...	...	1	...	...	...	...	3	1	37	10				
Clermont	1	...	1	...	...	...	7	14	1	...	8	7	...	4	...	...	...	2	2	1	...	...	...	5	...	...	...	...	...	...	...	...	34	19				
Condamine	1	...	...	...	...	...	...	...	1	...	1	...				
Cooktown	1	...	...	...	...	...	...	4	7	3	...	1	7	29	...	...	...	...	...	...	...	...	...	3	...	...	1	...	...	...	...	...	9	1	55	11		
Dalby	1	...	...	...	...	12	12	3	...	1	9	...	...	...	...	2	...	4	3	...	1	...	2	...	1	...	...	...	...	...	...	36	15					
Dalrymple	1	1	...			
Gayndah	8	11	...	...	2	1	...	1	...	...	...	5	...	1	...	...	...	3	...	1	...	...	...	...	...	...	...	18	15				
Gilberton	5	4	1	...	2	...	2	...	...	...	...	1	...	...	...	1	...	5	...	...	...	...	...	...	...	...	...	10	4				
Gladstone	7	5	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	5	...	...	1	...	...	...	...	...	...	12	10				
Goodna	9	6	3	...	3	4	...	...	...	1	...	5	...	...	...	2	...	8	...	1	...	...	...	...	...	2	...	29	15				
Goondiwindi	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	6	1				
Gympie	1	...	...	...	25	20	2	...	2	6	6	...	...	...	...	1	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	44	30				
Ipswich ...	1	...	...	1	...	2	...	...	...	67	62	3	2	16	12	...	...	...	1	...	1	...	1	1	10	...	34	1	...	3	...	...	...	...	2	3	122	101
Leyburn...	4	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	1				
Logan	14	19	...	...	2	11	...	...	...	1	...	...	...	...	1	3	...	5	...	1	...	...	...	...	...	...	...	32	25				
Mackay	20	14	1	...	2	36	...	...	...	...	...	...	...	...	...	...	...	5	...	2	2	...	...	...	...	...	...	61	21				
Maryborough	1	87	63	3	...	7	84	1	1	3	...	32	...	6	5	196	101			
Mitchell...	2	2	...	1	...	2	7	8	22	...			
Nanango			
Norman	1	3	2	...			
Palmer	2	...	2	...	5	1	113	1	2	7	...			
Paroo	127	...			
Ravenswood	1	8	9	3	1	12	3	...	1	1			
Rockhampton	1	1	2	48	80	12	1	14	29	5	1	...	1	...	2	...	26	1	7	5	27	13			
Roma	4	7	1	4	1	...	6	...	1	5	...	1	127	115			
Somerset			
Springsure	2	2	2	5			
Stanthorpe	1	22	9	1	1	2	6	1	17	2		
St. George	3	2	5	1	1			
St. Lawrence	1	2	1	2	2	2	1	9	3		
Surat	1	2	4	2	2	7	4		
Taroom	1	1	2	1	1	7	4		
Toowoomba	1	1	43	38	5	...	2	18	1	...	3	...	1	...	6	...	19	...	1	4	3		
Townsville	17	8	2	11	8	3	5	1	1	4	57	17		
Warrego North...	1	1	1	4	2	2	1	2	51	3		
Warrego South...	1	...	1	1	...	1	12	...		
Warwick ...	1	1	...	1	...	1	22	19	4	1	2	5	1	2	1	4	...	14	1	...	2	4	...	
	12	3	2	5	3	14	3	2	...	086	650	84	11	125	336	211	5	3	...	8	...	58	11	20	2	51	...	305	13	31	43	4	...	2	74	17	1,777	1,017		

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TABLE NO. XI.

CAUSES OF DEATHS OF MALES AND FEMALES IN QUEENSLAND, REGISTERED DURING EACH MONTH OF
THE YEAR 1874.

CAUSES OF DEATHS OF MALES AND FEMALES AT DIFFERENT PERIODS OF
LIFE, REGISTERED DURING THE YEAR 1874.

[illegible]

* Order II. of Class V. omitted, no deaths from causes included in that Order, having occurred.

[illegible]

TABLE NO. XII.

CAUSES OF DEATHS OF MALES REGISTERED IN THE SEVERAL REGISTRATION DISTRICTS DURING THE YEAR 1874.

CAUSES OF DEATHS OF MALES AT DIFFERENT PERIODS OF LIFE, REGISTERED
DURING THE YEAR 1874.

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CAUSES OF DEATHS OF FEMALES REGISTERED IN THE SEVERAL REGISTRATION DISTRICTS DURING
THE YEAR 1874.

CAUSES OF DEATHS OF FEMALES AT DIFFERENT PERIODS OF LIFE, REGISTERED
DURING THE YEAR 1874.

[illegible]

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CAUSES OF DEATHS OF MALES AND FEMALES REGISTERED IN THE SEVERAL REGISTRATION DISTRICTS DURING
THE YEAR 1874.

CAUSES OF DEATHS OF MALES AND FEMALES AT DIFFERENT PERIODS OF LIFE, REGISTERED
DURING THE YEAR 1874.

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Table No. XV.

CAUSES of DEATH in QUEENSLAND, during the Year 1874, arranged in the order of degree of FATALITY.

CAUSE OF DEATH.	No. of Deaths, Males and Females, Registered from each cause.		Total Deaths from each cause in 1874.	Total Deaths from each cause in 1873.	Increase* or Decrease† in 1874.	CAUSE OF DEATH.	No. of Deaths, Males and Females, Registered from each cause.		Total Deaths from each cause in 1874.	Total Deaths from each cause in 1873.	Increase* or Decrease† in 1874.
	Males.	Females.					Males.	Females.			
Dysentery	174	48	222	102	*120	Brought forward ...	1,639	962	2,601		
Convulsions	124	91	215	186	* 29	Asthma	4	...	4	2	* 2
Diarrhoea	87	90	177	101	* 76	Stomach Disease ...	3	1	4	5	† 1
Phthisis	109	54	163	145	* 18	Skin Diseases	2	2	4	...	* 4
Debility	80	71	151	138	* 13	Bite from Venomous Reptile	3	1	4	2	* 2
Drowning	99	21	120	89	* 31	Suffocation	3	1	4	2	* 2
Atrophy	57	62	119	87	* 32	Hæmorrhage from Umbili-	1	3	4	...	* 4
Remittent Fever ...	82	34	116	52	* 64	cal Cord not being properly					
Heart Disease	69	17	86	71	* 15	tied					
Typhus Fever	44	34	78	67	* 11	Ague	3	...	3	5	† 2
Teething	38	38	76	45	* 31	Mortification	3	...	3	8	† 5
Croup	29	26	55	61	† 6	Insanity	2	1	3	...	* 3
Pneumonia	28	20	48	68	† 20	Pericarditis	1	2	3	3	...
Diphtheria	24	23	47	73	† 26	Ascites	3	...	3	2	* 1
Senile Decay	24	21	45	19	* 26	Spleen Disease	3	...	3	...	* 3
Apoplexy	29	15	44	23	* 21	Uterus Disease ... ..	...	3	3	2	* 1
Enteritis	29	14	43	41	* 2	Paramenia ... ..	...	3	3	...	* 3
Alcoholism	30	6	36	17	* 19	Lightning	3	...	3	...	* 3
Dropsy	21	15	36	18	* 18	Killed by a Log rolling	3	...	3	2	* 1
Bronchitis	18	17	35	63	† 28	Over					
Premature Birth ...	20	11	31	26	* 5	Manslaughter	3	...	3	...	* 3
Cephalitis	16	13	29	32	† 3	Suicide by Wounds ...	3	...	3	6	† 3
Brain Disease	26	3	29	23	* 6	Suicide by Hanging ...	3	...	3	7	† 4
Cancer, &c.	15	13	28	23	* 5	Influenza	2	...	2	12	† 10
Childbirth ... ..	...	27	27	13	* 14	Gonorrhœa	2	...	2	1	* 1
Whooping Cough ...	9	15	24	59	† 35	Ulceration of the Intestines	2	...	2	1	* 1
Congestion of Lungs	12	12	24	24	...	Intussusception ... ..	...	2	2	...	* 2
Tabes Mesenterica ...	13	9	22	26	† 4	Cyanosis ... ..	...	2	2	6	† 4
Liver Disease	12	9	21	20	* 1	Accidental Gunshot	2	...	2	3	† 1
Fractures and Contusions	19	2	21	5	* 16	Wounds					
Hydrocephalus	14	6	20	28	† 8	Killed by Fall down Hold	2	...	2	...	* 2
Hepatitis	16	4	20	10	* 10	of a Steamer					
Paralysis	17	2	19	19	...	Blood Poisoning	2	...	2	...	* 2
Ileus	11	7	18	20	† 2	Overlaid by Mother ...	...	2	2	...	* 2
Murder	16	2	18	14	* 4	Taken by an Alligator ...	2	...	2	...	* 2
Lung Disease	13	3	16	14	* 2	Suicide by Poisoning ...	1	1	2	6	† 4
Killed by a Dray ...	12	4	16	4	* 12	Suicide by Drowning ...	2	...	2	3	† 1
Privation	15	...	15	6	* 9	Execution	2	...	2	...	* 2
Concussion of Brain, by fall	14	...	14	12	* 2	Measles ... ..	...	1	1	...	* 1
from a Horse						Quinsy ... ..	...	1	1	2	† 1
Epilepsy	9	5	14	8	* 6	Others (Class 1.—Order 3.)	...	1	1	2	† 1
Peritonitis	11	3	14	14	...	Stone	1	...	1	...	* 1
Burns	3	11	14	12	* 2	Cystitis	1	...	1	2	† 1
Thrush	8	5	13	12	* 1	Spina Bifida ... ..	...	1	1	5	† 4
Gastritis	6	7	13	15	† 2	Killed by Flywheel of an	1	...	1	1	...
Rheumatism	8	4	12	6	* 6	Engine					
Kidney Disease	9	3	12	8	* 4	Killed by an Axe	1	...	1	...	* 1
Anæremia	10	1	11	9	* 2	Killed by a Cow	1	...	1	1	...
Accidental Poisoning	6	5	11	4	* 7	Killed by Riding against a	1	...	1	...	* 1
Scarlatina	3	7	10	4	* 6	Post in a Race					
Syphilis	8	2	10	9	* 1	Killed by Fall in a Fit of	...	1	1	...	* 1
Erysipelas	2	7	9	4	* 5	Epilepsy					
Want of Breast Milk	6	3	9	12	† 3	Killed by Fall on Corner of	...	1	1	...	* 1
Others (Class 2.—Order 2)	5	4	9	5	* 4	a Box					
Old Age	6	3	9	12	† 3	Killed by Explosion of a	1	...	1	2	† 1
Nephria	7	1	8	6	* 2	Blast					
Joint Disease	6	2	8	2	* 6	Killed by Falling down a	1	...	1	2	† 1
Scalds	7	1	8	6	* 2	Mining Shaft					
Pleurisy	6	1	7	6	* 1	Killed by Fall of a Rock	1	...	1	1	...
Hernia	5	2	7	5	* 2	Killed by a Railway Dobbin	1	...	1	...	* 1
Kick from a Horse ...	5	2	7	4	* 3	Killed by Fall on a Pair of	...	1	1	...	* 1
Metria ... ..	...	6	6	10	† 4	Scissors					
Purpura	4	2	6	1	* 5	Killed by Fall of a Bucket	1	...	1	...	* 1
Laryngitis	2	4	6	5	* 1	on Head					
Sunstroke	5	1	6	8	† 2	Killed by Fall from a	1	...	1	...	* 1
Scrofula	2	3	5	4	* 1	Scaffold					
Jaundice	4	1	5	2	* 3	Killed by Fall from a	1	...	1	...	* 1
Ulcer	2	3	5	5	...	Window					
Other Malformations	3	2	5	5	...	Strangled by Umbilical Cord	1	...	1	...	* 1
Killed by Fall of a Tree...	5	...	5	5	...	Injury received during	1	...	1	2	† 1
Killed by Fall of Earth...	5	...	5	2	* 3	Birth					
Cholera	3	1	4	5	† 1						
Others (Class 1.—Order 1.)	3	1	4	...	* 4						
Carried forward ...	1,639	962	2,601			Deaths, cause not defined	1,719	993	2,712		
							58	24	82		
						TOTAL	1,777	1,017	2,794		

APPENDIX B.

RETURN of the Registry Districts, with the names of the Persons holding the Office of District Registrar, during the Year 1874.

METROPOLITAN DISTRICT.*

HENRY SCOTT, REGISTRAR-GENERAL.

W. T. BLAKENEY, DEPUTY REGISTRAR-GENERAL.

COUNTRY DISTRICTS.

Banana ...	...	...	...	...	...	...	...	...	...	E. MOREY.
Bowen ...	...	...	...	...	...	...	...	...	...	WALDRON BURROWES.
Cape River ...	...	...	...	...	...	...	...	...	...	JOHN F. HOUGHTON.
Cardwell ...	...	...	...	...	...	...	...	...	...	BRINSLEY G. SHERIDAN.
Clermont ...	...	...	...	...	...	...	...	...	...	WM. CAVE.
Condamine ...	...	...	...	...	...	...	...	...	...	ROBERT VINCENT
										succeeded by
										JAS. LEITH HAY.
Cooktown ...	...	...	...	...	...	...	...	...	...	THOMAS HAMILTON.
Dalby† ...	...	...	...	...	...	...	...	...	...	FREDERICK W. ROCHE.
Dalrymple ...	...	...	...	...	...	...	...	...	...	AN ASSISTANT REGISTRAR.
Gayndah‡ ...	...	...	...	...	...	...	...	...	...	JOHN CONNOLLY.
Gilberton§ ...	...	...	...	...	...	...	...	...	...	MORGAN C. GREENE.
Gladstone ...	—	...	...	...	...	...	...	...	...	JOHN S. POWE.
Goodna ...	...	...	...	...	...	...	...	...	...	JOHN LARKIN.
Goondiwindi ...	...	...	...	...	...	...	...	...	...	JOHN MURPHY.
										succeeded by
										THEOPHILUS P. PUGH.
Gympie|| ...	...	...	...	...	...	...	...	...	...	WALTER COMPIGNE.
Ipswich** ...	...	...	...	...	...	...	...	...	...	WILLIAM HENDREN.
Leyburn ...	...	...	...	...	...	...	...	...	...	HENRY BRAMSTONE
										succeeded by
										WALTER C. CARDEW.
Logan ...	...	...	...	...	...	...	...	...	...	JAMES GIBSON.
Mackay ...	...	...	...	...	...	...	...	...	...	W. R. GOODALL.
Maryborough†† ...	...	...	...	...	...	...	...	...	...	STANLEY G. HILL.
Mitchell‡‡ ...	...	...	...	...	...	...	...	...	...	ALFRED HENRY
										succeeded by
										THOS. J. SADLER.
Nanango ...	...	...	...	...	...	...	...	...	...	ARCHIBALD LEE.
Norman ...	...	...	...	...	...	...	...	...	...	CHRISTOPHER FRANCIS.
Palmer ...	...	...	...	...	...	...	...	...	...	HOWARD ST. GEORGE
										succeeded by
										PHILIP SELHEIM.
Paroo ...	...	...	...	...	...	...	...	...	...	VINCENT DOWLING.
Ravenswood§§ ...	...	...	...	...	...	...	...	...	...	WILLIAM R. O. HILL.
Rockhampton ...	...	...	...	...	...	...	...	...	...	FRANK N. BEDDEK.
Roma||| ...	...	...	...	...	...	...	...	...	...	WILLIAM O. NORRIS.
Somerset ...	...	...	...	...	...	...	...	...	...	C. E. BEDDOME
										succeeded by
										G. E. DALRYMPLE
										succeeded by
										C. D'O. APLIN.
Springsure ...	...	...	...	...	...	...	...	...	...	CHARLES S. DICKEN
										succeeded by
										JOHN G. MACDONALD.
Stanthorpe ...	...	...	...	...	...	...	...	...	...	CHARLES WM. PITTS.
St. George ...	...	...	...	...	...	...	...	...	...	R. C. H. UHR
										succeeded by
										DOUGLAS D. HAMILTON.
St. Lawrence ...	...	...	...	...	...	...	...	...	...	HORACE BURKITT.
Surat ...	...	...	...	...	...	...	...	...	...	RICHARD T. TAYLOR.
Taroom ...	...	...	...	...	...	...	...	...	...	JOHN CROKER
										succeeded by
										R. C. H. UHR.
Toowoomba ...	...	...	...	...	...	...	...	...	...	JOHN A. BOYCE.
Townsville ...	...	...	...	...	...	...	...	...	...	FITZROY W. H. SOMERSET.
North Warrego ...	...	...	...	...	...	...	...	...	...	WILLIAM E. PARRY OKEDEN.
South Warrego ...	...	...	...	...	...	...	...	...	...	DAVID PARRY OKEDEN.
Warwick*** ...	...	...	...	...	...	...	...	...	...	ARCHIBALD STEWART.

Assistant Registrars appointed at—

* Cleveland, Caboolture, North Logan, and South Pine

† Jondaryan

‡ Mount Perry

§ Western Creek

|| Tewantin and Black Snake.

** Walloon, Laidley, Helidon, and Murphy's Creek.

†† Bundaberg.

‡‡ Marathon and Blackall.

§§ Charters Towers.

||| Mitchell Downs.

*** Allora.

APPENDIX C.

REPORT OF THE METEOROLOGICAL OBSERVER FOR THE
YEAR 1874.

SIR,

The year 1874 has not been marked by any unusual extremes of weather, with the exception of the rainfall, which has been very much under the average. Tempests have been rare, and but little injury to life or property has resulted from this cause.

To refer to all parts of this large colony, if even the means were at hand, would increase this Report beyond reasonable limits. I shall, therefore, refer at length only to the Brisbane station, which is the longest established and most complete, and at which the observations are taken by myself. Tables referring to other parts of the colony are attached to this Report.

TEMPERATURE.

In my Reports for 1872 and 1873, I expressed an opinion, that a regular increase of temperature would be felt for several years. The correctness of this idea is shown by the following table, which is the result of over eleven hundred special observations each year:—

Year	...	...	...	...	1874.	1873.	1872.	1871.	1870.	1869.	1868.
Mean Shade Temperature of year	...	...	...	...	69·9°	69·5°	69·2°	69·4°	69·7°	70·3°	71·9°

A steady decrease is seen from 1868 to 1872, a period of five years. The years 1873 and 1874, where the increase appears, approach very closely to the years 1871 and 1870. It is likely that an increasing temperature will be felt for some years to come, to be followed by a corresponding decrease.

The highest temperature in shade, 100°, was twice recorded, on November 21st and December 22nd, but 96° was not exceeded at any other time during the year. The lowest temperature in shade, 35°, was on August 7th.

The highest temperature in sun, as shown by the solar radiation thermometer, was 131°, on November 21st. The lowest on grass, 33°, was on August 7th. There is no record of freezing having been reached during the year.

A brief statement of the average mean shade temperature of each month during the year may be interesting. The general averages are taken from the previous ten years' records of each corresponding month. In January the temperature was 1·7° over, February 0·8° over, March 1·5° over, April 0·3° over; in May 1·0° under, June 2·0° under; in July 1·5° over, August 0·3° over, September 1·0° over; in October 0·6° under, November 3·7° over, and in December 1·5° under.

The mean shade temperature of March, 76·4°, was the highest on record of any corresponding month, except in 1866, which exceeded it by 0·1°. The temperature of June, 58·8°, was much lower than that of any corresponding month since 1862. July temperature was the warmest during twelve years, excepting only July 1872, which was 0·2° higher. November, showing 77·5°, was the hottest on record.

The mean diurnal range of temperature for the year, 21·8°, has been rather greater than usual, and was only exceeded in 1868 by 0·1°. The extreme range, 38·5°, was on November 21st, the hottest day of the year; the least range was 8·0°, on April 23rd, during very wet weather, two inches of rain having fallen on that day.

The daily records of temperature will be found in Tables VIII., IX., X., XI., XII.

RAINFALL.

The rainfall at Brisbane for the year was much less than usual, having been 12·57 inches under the average of the past fifteen years. The total fall, 38·71 inches, during 135 days, is the least on record, excepting the years 1862, with 28·27 inches during 98 days—1865, with 24·11 inches during 52 days, and 1868, with 35·98 inches during 110 days. The rainfall of the previous year, 1873, exceeded the average by 9·84 inches; showing an excess of 23·31 inches over 1874, a quantity almost equal to the entire rainfall of 1865. The largest fall in one day, 2·31 inches, was on July 31st. The greatest fall in one month was in January, when 11·08 inches fell during 18 days. The least fall, 0·04 inch, on three days, was in August. The daily rainfall for the year will be found in Table XIV.

Throughout the colony the rainfall has been generally less than usual. The largest amount fell at Cardwell, 98·87 inches during 102 days; of this, 79·30 inches fell in 60 days, during four months. The geographical position and nature of the back country will account for such a heavy fall. The least quantity was at Dalby, where only 21·28 inches fell during 28 days; this is remarkable, as at Toowoomba, only 50 miles eastward, the fall was nearly double, 39·88 inches having fallen during 78 days. The position of the latter, on the verge of the Main Range, will satisfactorily account for this great difference. At Warwick and Stanthorpe the rain slightly exceeded that of Dalby. Particulars of the monthly rainfall throughout the colony will be found in Table No. VII., and in Tables IV., V., and VI., the rainfall for a number of years.

New stations for taking rain observations continue to be established; several of which are in regions until lately known only to the explorer.

All the summaries issued from this Observatory continue to be forwarded to the principal Meteorological Observatories throughout the world, and, in return, numerous and valuable papers on Meteorological and other scientific subjects, are received.

The summaries of the returns from the principal stations continue to be published regularly in the *Government Gazette*; in which also appears monthly the returns of rainfall throughout the colony.

The instruments at the various stations continue to be in good order, and, with few exceptions, work very satisfactorily. The instruments in use at the chief station at Brisbane are as follow :—

- Standard mercurial barometer.
- Maximum registering dry bulb shade thermometer.
- Minimum registering dry bulb shade thermometer.
- Maximum registering exposed thermometer, bulb in vacuo.
- Maximum registering exposed thermometer, bulb exposed.
- Minimum registering thermometer, on grass.
- Soil thermometer, six inches deep.
- Shade dry bulb thermometer.
- Shade wet bulb thermometer.
- Robinson's anemometer.
- Glaisher's rain gauge.
- Gold leaf electrometer.
- Evaporation gauge, and
- Box for exposing ozone paper.

Appended to this Report will be found the following tables :—

- I. Summary of observations taken at Brisbane, for the year.
- II. Summary of observations taken at Cape Moreton, for the year.
- III. Summary of observations taken at Toowoomba, for the year.
- IV. Monthly rainfall at Brisbane, for twelve years.
- V. Monthly rainfall at Rainworth, near Springsure, for ten years.
- VI. Monthly rainfall at Warwick, for ten years.
- VII. General table of rainfall at fifty-one stations throughout the colony, for one year.
- VIII. Daily maximum shade temperature, at Brisbane.
- IX. Daily minimum shade temperature.
- X. Daily maximum temperature in sun.
- XI. Daily minimum temperature on grass.
- XII. Daily range of temperature in shade.
- XIII. Daily readings of the barometer, at 9 a.m.
- XIV. Daily record of rainfall.

I have, &c.,

EDMUND MAC DONNELL,

Government Meteorological Observer.

To the Registrar-General of Queensland.

METEOROLOGY.

Table No. I.

ANNUAL SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT BRISBANE, QUEENSLAND, DURING THE YEAR 1874.

Latitude, 27° 27' 32" South; Longitude, 153° 2' 40" East; Distance from Sea-coast, 10 miles; height of Observatory above Mean Sea Level, 130 feet.

1874.	MEAN OF BAROMETER.			MEAN SHADE TEMPERATURE OF AIR.			MEAN TEMPERATURE OF EVAPORATION.			MEAN HUMIDITY.			EXPOSED THERMOMETERS.			THERMOMETERS IN SHADE.						RAIN.		Total Evaporation.	OZONE. Mean of 24 hours.	ELECTRICITY DURING MONTH.		Prevailing Winds.
	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	Maximum in Sun (Bulb in Vacuo).	Maximum in Sun (Bulb exposed).	Minimum on Grass.	Maximum.	Mean Maximum.	Minimum.	Mean Minimum.	Mean Diurnal Range.	Mean Temperature of Month.	Total Fall.	No. of Days Rain Fell.			Positive.	Negative.	
January ...	29.922	29.848	29.930	79.4	83.0	74.5	73.0	74.4	70.6	71.0	64.0	80.0	156.0	130.0	57.0	94.0	87.5	64.0	69.7	17.8	79.0	11.08	18	5.560	5.4	52	41	S.E.
February ...	29.955	29.889	29.943	78.1	83.1	72.1	71.8	72.6	68.2	70.0	57.0	79.0	158.0	129.0	56.0	94.0	86.3	63.0	67.4	18.9	77.8	2.52	13	6.780	5.0	70	14	S.E.
March ...	30.044	29.978	30.053	76.0	82.1	71.4	71.2	74.2	72.2	77.4	68.5	84.0	166.0	121.0	58.0	92.0	84.7	60.0	65.9	19.2	76.4	4.18	19	6.858	5.6	65	28	S.
April ...	30.114	30.025	30.102	70.1	77.0	66.6	66.0	69.0	63.6	78.3	64.8	84.0	142.0	109.0	50.0	88.0	80.4	55.0	61.9	18.8	71.2	6.57	19	7.114	6.0	61	29	S.W.
May ...	30.077	29.986	30.068	61.0	73.4	59.0	56.5	62.2	54.7	74.9	52.5	77.4	145.0	101.0	40.0	85.0	76.0	41.0	51.7	24.3	64.5	1.07	7	5.406	6.5	75	18	S.W.
June ...	30.167	30.076	30.112	55.0	67.1	54.4	51.5	57.7	51.5	78.0	55.0	83.0	132.0	105.0	35.0	75.0	69.3	38.0	47.3	22.1	58.8	2.16	10	2.230	6.3	68	22	S.W.
July ...	30.211	30.123	30.195	54.0	69.0	55.6	51.4	58.8	52.0	83.2	64.5	84.0	135.0	103.0	37.0	75.0	69.9	39.0	47.1	22.8	59.5	3.96	14	4.720	5.6	66	27	S.W.
August ...	30.095	29.995	30.093	56.7	70.1	54.6	50.8	57.6	49.2	67.3	47.9	70.3	140.0	112.0	33.0	90.0	72.3	35.0	45.0	27.2	60.5	0.04	3	6.200	6.1	86	7	S.W.
September ...	30.004	29.941	30.008	65.0	73.9	61.5	57.1	57.6	56.2	60.9	43.0	71.3	149.0	111.0	37.0	83.0	76.6	40.0	52.4	24.4	66.8	0.61	6	7.865	5.9	73	17	W.
October ...	30.227	30.137	30.205	71.2	76.1	63.8	63.1	64.9	60.2	61.4	54.5	82.7	160.0	125.0	47.0	93.0	79.0	49.0	56.4	22.8	70.4	0.96	9	7.720	6.0	70	23	E.
November ...	30.016	29.922	29.991	79.3	82.8	70.5	68.7	70.3	65.5	55.1	50.9	73.1	164.0	128.0	58.0	100.0	88.0	57.0	63.2	24.8	77.5	1.48	5	7.990	7.5	72	18	N.E.
December ...	29.946	29.879	29.930	78.1	80.5	71.7	70.6	71.5	67.3	69.0	62.3	77.1	160.0	128.0	61.0	100.0	85.0	61.0	66.6	19.0	76.7	4.08	12	8.020	6.2	66	27	S.E.
For year 1874...	30.064	29.983	30.052	68.6	76.5	64.6	62.6	65.9	61.1	70.5	55.4	78.8	166.0	130.0	33.0	100.0	79.5	35.0	57.8	21.8	69.9	38.71	135	76.463	6.0	824	271	S.W.
„ 1873...	30.085	29.996	30.064	69.3	75.2	64.1	61.4	66.8	61.3	71.9	61.9	80.6	161.0	137.0	30.5	101.5	79.4	35.0	58.3	21.3	69.5	62.02	138	76.352	7.3	700	405	N.E.
„ 1872...	30.067	29.987	30.054	69.3	75.2	63.7	62.1	65.8	60.3	70.0	60.5	82.0	156.0	133.0	32.0	96.0	76.9	35.5	57.8	19.5	69.2	49.22	131	72.195	6.9	723	375	N.E.
„ 1871...	30.082	29.979	30.052	69.1	76.7	63.5	63.6	66.5	61.4	70.9	61.2	81.3	161.0	139.0	31.0	95.0	79.8	35.0	57.9	21.6	69.4	45.45	119	70.275	6.7	671	424	N.E.
„ 1870...	30.059	29.949	30.033	69.9	74.5	65.1	64.5	67.6	61.7	73.6	66.3	83.5	162.0	143.0	30.0	95.0	78.1	36.0	59.4	19.0	69.7	79.06	154	67.008	7.9	588	552	N.E.
„ 1869...	30.023	29.939	30.011	69.8	76.6	64.4	65.9	69.2	63.1	70.7	65.8	78.3	...	128.4	27.0	108.0	80.9	34.5	59.5	21.4	70.3	54.39	114	68.670	7.5	612	480	N.E.
„ 1868...	30.171	30.005	30.075	70.0	77.1	66.1	64.7	69.1	62.6	72.0	63.4	81.2	...	130.0	36.0	104.0	80.3	39.0	59.8	21.9	71.9	35.98	110	61.258	5.1	684	408	N.E.

The readings of the Barometer are corrected to 32° Fahrenheit, and mean sea level. The mean temperature of the year, 69.9°, shows an increase over the previous four years. The mean temperature in this and the following tables is deduced from three daily readings of a thermometer in shade, taken at 9 a.m., 3 p.m., and 9 p.m. For further information relative to the Observations taken at Brisbane, see Tables IV., VIII., IX. X., XI., XII., XIII., XIV.

METEOROLOGY—continued.

Table No. II.

ANNUAL SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT CAPE MORETON, QUEENSLAND, DURING THE YEAR 1874.

The observations have been taken by James Brayden, Esquire.

Latitude, 27° 2' 16 S.; Longitude, 153° 29' E.; Height of Observatory above Mean Sea Level, 320 feet.

1874.	MEAN OF BAROMETER.			MEAN SHADE TEMPERATURE OF AIR.			MEAN TEMPERATURE OF EVAPORATION.			MEAN HUMIDITY.			EXPOSED THERMOMETERS.			THERMOMETERS IN SHADE.						RAIN.		ELECTRICITY DURING MONTH.		PREVAILING WINDS.		
	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	9 a.m.	3 p.m.	9 p.m.	Maximum in Sun (Bulb in Vacuo).	Maximum in Sun (Bulb exposed).	Minimum on Grass.	Maximum.	Mean Maximum.	Minimum.	Mean Minimum.	Mean Diurnal Range.	Mean Temperature of Month.	Total Fall.	No. of Wet Days.	Positive.	Negative.	9 a.m.	3 p.m.	9 p.m.
January ..	29·871	29·819	29·845	77·5	80·1	76·4	73·2	74·7	72·5	·790	·750	·810	155·0	121·0	62·0	87·0	82·7	70·0	73·9	8·8	78·0	9·30	12	75	18	E.	S.E.	S.E.
February ..	29·900	29·863	30·060	76·6	81·9	76·3	71·8	74·0	70·9	·750	·650	·740	154·0	124·0	62·0	89·0	84·7	67·0	73·2	11·3	78·3	1·67	11	50	34	E.	S.E.	E.
March ..	30·011	29·946	29·990	74·7	80·6	75·0	70·3	73·2	70·1	·780	·660	·750	149·0	112·0	60·0	87·0	81·7	65·0	71·5	10·3	76·8	3·62	12	78	15	E.	S.E.	E.
April ..	30·040	29·979	30·031	71·5	76·6	71·9	66·5	69·9	65·9	·730	·680	·710	142·0	109·0	56·0	83·0	78·2	63·0	68·2	10·0	73·3	12·04	19	66	24	E.	S.E.	S.E.
May ..	30·020	29·958	30·016	64·1	69·5	66·2	59·7	63·9	60·9	·760	·720	·720	135·0	101·0	44·0	79·0	71·9	53·0	60·5	11·3	66·6	2·72	6	61	32	S.W.	S.W.	S.W.
June ..	30·093	30·043	30·096	58·7	64·1	61·1	55·6	59·2	56·9	·810	·730	·760	129·0	95·0	39·0	72·0	65·8	49·0	55·2	10·5	61·3	4·57	10	55	35	S.W.	S.E.	S.
July ..	30·138	30·089	30·124	59·0	63·4	60·7	55·7	58·0	56·4	·780	·730	·760	128·0	95·0	43·0	72·0	65·3	48·0	55·7	9·8	61·0	7·90	14	37	56	S.	S.E.	S.E.
August ..	30·044	29·971	30·021	58·0	65·7	61·4	51·9	57·2	54·6	·650	·580	·640	141·0	96·0	39·0	73·0	66·6	47·0	54·7	11·8	61·7	0·59	3	71	22	S.W.	S.W.	S.W.
September ..	30·000	29·914	29·932	64·9	71·2	66·2	59·7	63·2	60·6	·720	·630	·700	148·0	101·0	44·0	77·0	72·8	51·0	60·7	11·8	67·4	1·13	5	52	38	W.	N.	N.
October ..	30·182	30·114	30·153	68·3	73·7	67·7	63·9	67·2	63·4	·760	·680	·760	149·0	105·0	49·0	83·0	76·1	54·0	63·9	12·0	69·9	5·40	10	49	44	E.	E.	E.
November ..	29·989	29·903	29·954	72·8	79·1	72·6	68·3	71·5	67·9	·770	·650	·760	146·0	114·0	58·0	85·0	80·5	64·0	68·7	11·9	74·8	2·41	5	57	33	N.W.	N.	N.
December ..	29·905	29·848	29·882	74·6	79·4	73·0	69·0	71·4	68·0	·720	·640	·740	152·0	122·0	57·0	85·0	81·1	67·0	70·3	10·8	75·6	4·74	11	69	24	E.	S.E.	E.
For year 1874..	30·016	29·953	29·967	68·4	73·7	69·0	63·8	66·9	64·0	·751	·675	·737	155·0	124·0	39·0	89·0	75·6	47·0	64·7	10·8	70·4	56·09	118	720	375	E.	S.E.	E.
„ 1873..	29·958	29·774	29·943	68·3	74·0	68·7	62·6	66·1	64·5	·760	·687	·757	153·0	118·0	35·0	88·0	75·3	48·0	64·3	9·8	68·4	73·14	130	677	415	S.E.	S.E.	S.E.
„ 1872..	30·021	29·866	30·001	68·0	72·7	68·7	63·5	65·3	64·5	·757	·670	·744	154·0	124·0	35·0	92·0	75·6	46·0	64·4	10·9	69·6	75·23	123	685	367	N.E.	S.E.	S.E.
„ 1871..	30·035	29·971	30·007	68·5	74·0	68·9	63·7	66·7	63·7	·743	·661	·740	155·0	118·0	33·0	94·0	76·7	46·0	65·4	11·8	70·5	70·70	120	669	421	S.W.	S.E.	S.E.
„ 1870..	30·003	29·929	29·968	68·6	73·5	68·7	64·1	67·1	64·0	·767	·710	·755	166·0	..	35·0	97·0	76·1	36·0	63·9	12·6	70·2	87·32	138	670	416	S.W.	S.E.	N.E.

The readings of the Barometer are corrected to 32° Fahrenheit, and reduced to Mean Sea Level. The mean temperature of the year, 70·4°, is considerably higher than either of the two previous years.

METEOROLOGY—continued.

Table No. III.

ANNUAL SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT TOOWOOMBA, QUEENSLAND, DURING THE YEAR 1874.

The observations have been taken by E. L. Hanna, Esq.

Latitude, 27° 34' S.; Longitude, 152° 10' E.; Height of Observatory above Mean Sea Level, 1,960 feet; Distance from Sea-coast, 80 miles.

1874.	MEAN OF BAROMETER.			MEAN SHADE TEMPERATURE OF AIR.			MEAN TEMPERATURE OF EVAPORATION.			MEAN HUMIDITY.			EXPPOSED THERMOMETERS			THERMOMETERS IN SHADE.						RAIN.		ELECTRICITY DURING MONTH.		PREVAILING WINDS.		
	8 a.m.	2 p.m.	8 p.m.	8 a.m.	2 p.m.	8 p.m.	8 a.m.	2 p.m.	8 p.m.	8 a.m.	2 p.m.	8 p.m.	Maximum in Sun (Bulb in Vacuum).	Maximum in Sun (Bulb Exposed).	Minimum on Grass.	Maximum.	Mean Maximum.	Minimum.	Mean Minimum.]	Mean Diurnal Range.	Mean Temperature of Month.	Total Fall.	No. of Wet Days.	Positive.	Negative.	8 a.m.	2 p.m.	8 p.m.
January ...	27·854	27·826	27·852	69·7	77·4	70·2	66·7	69·8	67·0	·835	·655	·823	157·0	127·0	50·0	87·5	80·1	52·0	60·6	19·3	72·4	9·08	14	39	38	S.E.	S.E.	S.E.
February ..	27·873	27·844	27·862	67·4	75·8	67·2	64·4	67·6	64·7	·833	·628	·855	156·0	118·0	49·0	88·0	79·6	50·0	58·5	21·7	70·1	4·36	8	42	20	S.E.	S.E.	S.E.
March...	27·955	27·919	27·978	65·8	73·2	64·0	62·5	65·2	60·8	·822	·637	·795	161·0	116·0	46·0	85·0	76·5	47·0	53·2	20·0	67·7	4·74	12	39	32	S.E.	S.E.	S.E.
April ...	28·016	27·972	28·007	61·1	68·3	61·1	57·6	60·7	58·3	·830	·620	·820	160·0	115·0	40·0	76·0	70·0	42·5	51·7	18·2	63·5	5·53	8	61	29	S.W.	S.E.	S.E.
May ...	27·957	27·926	27·940	51·2	62·8	51·9	48·0	53·8	48·0	·790	·560	·750	137·0	108·0	27·0	72·0	63·9	31·0	41·1	22·8	55·2	0·77	2	67	10	S.W.	S.W.	S.W.
June ...	28·012	27·989	27·961	45·4	56·4	48·6	42·9	49·4	45·1	·810	·610	·770	136·0	98·0	20·0	64·5	57·7	27·5	35·3	22·5	50·1	1·77	3	52	20	S.W.	S.W.	S.W.
July ...	28·024	27·997	28·004	47·2	55·4	47·1	44·8	49·2	44·8	·830	·650	·810	134·0	98·0	20·0	66·0	58·2	26·0	35·5	22·4	49·9	3·80	6	47	29	S.W.	S.W.	S.W.
August ..	27·926	27·882	27·917	46·4	58·9	49·0	42·8	49·7	44·8	·740	·520	·740	141·0	99·0	18·0	78·0	60·6	25·0	35·0	25·2	51·4	1·10	1	65	12	S.W.	S.W.	S.W.
September ..	27·927	27·866	27·888	55·2	64·5	56·6	49·8	54·5	51·8	·690	·520	·700	143·0	103·0	18·0	84·5	68·0	27·0	42·7	25·3	58·7	1·06	6	54	19	S.W.	S.W.	S.W.
October ..	28·095	28·034	28·064	61·5	71·4	60·2	57·2	60·2	56·0	·773	·530	·746	153·0	130·0	32·0	84·0	74·8	33·0	47·7	27·1	64·4	1·42	7	48	33	S.E.	S.E.	S.E.
November ..	27·928	27·904	27·905	68·2	79·1	68·7	62·0	65·1	62·5	·695	·496	·684	165·0	142·0	46·0	97·0	84·1	47·5	54·0	29·3	72·0	4·93	5	57	18	S.E.	S.E.	S.E.
December ..	27·876	27·827	27·845	67·5	77·6	67·9	62·3	66·7	62·8	·729	·558	·591	153·0	125·0	40·0	94·0	82·1	50·0	55·4	26·2	71·0	2·32	4	57	36	S.E.	S.E.	S.E.
For Year 1874...	27·953	27·915	27·935	58·8	68·4	59·3	55·0	59·3	55·5	·781	·582	·757	165·0	142·0	18·0	97·0	71·3	25·0	47·5	23·3	62·2	40·88	76	628	296	S.E.	S.E.	S.E.
„ 1873..	27·968	27·885	27·949	58·3	68·6	58·8	55·8	60·1	55·4	·797	·608	·790	167·0	128·0	11·0	95·5	70·2	24·5	49·1	21·8	62·1	50·72	93	773	312	S.E.	S.E.	S.E.
„ 1872..	27·957	27·906	28·028	58·0	68·9	58·4	55·8	61·0	54·7	·814	·614	·782	177·0	135·0	18·0	95·0	70·8	26·0	50·1	21·2	62·4	35·75	100	802	280	S.E.	S.E.	S.E.
„ 1871..	27·953	27·922	27·961	58·4	69·1	60·1	55·2	61·1	56·3	·815	·608	·773	180·0	152·0	15·0	100·0	71·6	27·0	51·5	20·3	62·5	27·05	94	887	134	S.E.	S.E.	S.E.
„ 1870..	27·941	27·892	27·926	58·3	67·7	60·6	56·1	61·0	57·6	·867	·680	·820	166·0	...	14·0	97·0	68·2	27·5	52·9	16·9	62·4	61·04	164	906	110	N.E.	N.E.	E.

The readings of the Barometer at Toowoomba are corrected to 32° Fahrenheit only. The mean temperature of the year, 62·2°, shows a very slight increase over the previous year, but is less than those preceding it.

METEOROLOGY—continued.

Table No. IV.

AMOUNT OF RAIN, AND NUMBER OF DAYS DURING WHICH RAIN FELL, IN EACH MONTH.

RAINFALL at BRISBANE, for TWELVE YEARS.

Latitude, 27° 27' 32" S.; Longitude, 153° 2' 40" E.; distance from Coast, 10 Miles; Height of Observatory, 130 feet.

MONTHS.	1863.		1864.		1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.		1874.	
	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.
January ...	6.48	19	4.47	15	7.04	10	7.00	14	6.85	11	7.22	16	7.97	11	4.92	11	8.79	13	8.37	19	4.67	18	11.08	18
February ...	15.14	16	9.33	10	4.09	10	6.94	12	12.66	10	6.74	17	4.23	10	3.06	7	4.71	14	6.85	17	7.92	13	2.52	13
March ...	14.36	23	9.48	10	0.70	2	0.81	10	5.37	18	0.58	7	9.02	19	34.04	26	2.64	12	7.89	15	9.84	20	4.18	19
April ...	6.70	14	3.13	12	0.50	3	3.09	15	15.28	19	1.68	7	12.04	18	4.61	18	5.11	11	0.32	4	2.80	12	6.57	19
May ...	0.92	9	2.63	15	0.21	2	3.32	17	8.97	13	1.13	10	0.39	3	2.81	15	0.83	6	0.26	5	0.58	8	1.07	7
June ...	2.75	13	3.01	10	4.28	4	8.62	15	4.14	7	4.18	11	6.18	7	3.11	12	1.31	6	2.26	8	14.03	15	2.16	10
July ...	2.43	11	3.04	7	1.55	4	1.97	10	0.72	6	5.48	10	0.53	3	6.13	8	3.32	7	3.90	6	0.98	7	3.96	14
August ...	1.81	9	4.89	4	0.90	3	4.48	12	0.77	7	0.70	6	0.00	0	1.94	13	0.43	4	0.91	6	3.21	8	0.04	3
September ...	1.07	3	0.98	7	3.36	6	0.70	9	0.92	7	1.87	7	1.56	7	0.74	8	1.52	5	1.81	11	0.86	4	0.61	6
October ...	9.30	13	1.34	9	0.30	2	3.39	9	0.25	3	3.64	5	3.54	13	4.79	17	3.17	14	1.46	9	1.43	5	0.96	9
November ...	4.93	5	2.36	7	0.83	4	1.36	8	2.31	4	2.26	8	3.37	7	8.49	10	4.39	14	6.25	16	5.39	10	1.48	5
December ...	2.93	11	2.34	8	0.35	2	9.50	11	2.77	7	0.50	6	5.53	16	4.42	9	9.23	13	8.94	15	10.31	18	4.08	12
TOTAL ...	68.82	146	47.00	114	24.11	52	51.18	142	61.04	112	35.98	110	54.36	114	79.06	154	45.45	119	49.22	131	62.02	138	38.71	135

Total Rainfall during fifteen years, 769.21 inches. Number of days Rain fell, 1,869. Annual mean, 51.28 inches; 124 days.

Table No. V.

RAINFALL at RAINWORTH, SPRINGSURE, for TEN YEARS.

Lat., 24° 10' S.; Long., 148° E.; Distance from Coast, 160 Miles; Height, 1,500 feet.—Observations taken by J. GREGSON, Esq.

MONTHS.	1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.		1874.	
	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.
January	2.04	3	0.60	3	0.60	2	1.53	5	5.04	8	6.46	8	1.05	4	2.47	5	10.62	13	7.14	14
February	3.65	2	0.00	0	2.66	6	4.63	7	4.75	6	5.72	10	2.35	4	0.54	9	3.05	7	1.36	5
March	0.83	2	0.00	0	4.69	9	0.00	0	12.85	13	4.72	11	3.06	3	0.34	2	6.17	10	3.01	6
April	0.00	0	0.00	0	5.08	6	0.00	0	4.14	6	0.14	2	0.03	1	0.05	1	1.53	3	3.08	5
May	0.00	0	0.77	2	3.26	4	0.23	2	1.04	6	4.18	5	1.34	3	1.42	2	0.00	0	1.89	4
June	0.00	0	1.72	4	2.07	1	0.47	3	0.00	0	4.65	6	0.24	4	0.92	5	5.89	11	1.99	4
July	0.00	0	0.33	2	1.37	5	1.23	3	0.11	1	5.62	5	0.19	1	0.68	2	0.10	3	0.20	1
August	0.00	0	1.36	5	0.00	0	0.07	3	0.84	3	3.13	7	0.00	0	2.63	4	2.78	4	3.90	5
September	3.25	3	0.32	3	1.71	6	1.17	4	0.98	4	No record	0.75	2	0.36	3	0.50	1	1.72	2	
October	No record	0	0.32	2	1.31	5	1.00	5	2.09	5	3.18	5	2.50	5	1.53	3	0.10	1	3.36	6
November	1.10	1	4.76	7	1.11	4	1.67	4	1.85	5	5.36	7	2.92	8	4.18	7	2.20	4	3.01	5
December	3.34	3	7.75	13	0.32	3	3.47	3	5.36	9	1.77	3	0.62	5	1.92	7	3.25	11	3.05	7
TOTAL	14.21	14	17.93	41	24.18	51	15.47	39	39.05	66	44.93	69	15.05	40	17.04	55	36.19	68	33.71	64

Total Rainfall during ten years, 257.76 inches. Number of days Rain fell, 507. Annual mean, 25.77 inches; 50 days.

Table No. VI.

RAINFALL at WARWICK, for TEN YEARS.

Latitude, 28° 12' S.; Longitude, 152° 16' E.; Distance from Coast, 90 Miles; Height, 1,520 feet.

MONTHS.	1865.		1866.		1867.		1868.		1869.		1870.		1871.		1872.		1873.		1874.	
	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.	Inches.	Days' Fall.
January ...	4.03	14	0.00	0	5.24	7	6.14	11	9.92	12	5.60	7	1.38	5	1.57	7	3.46	5	4.06	12
February ...	2.67	8	2.58	7	10.64	4	4.93	9	4.06	4	1.15	8	5.52	9	0.88	8	1.92	5	2.65	6
March ...	0.00	0	0.43	1	4.17	10	0.06	1	5.86	4	4.70	19	2.42	5	0.78	5	5.31	11	1.77	7
April ...	1.71	5	0.15	2	9.05	12	0.19	1	5.64	6	0.74	5	2.62	6	0.25	1	1.10	2	2.15	5
May ...	0.91	2	2.23	5	3.10	8	0.52	3	1.40	3	2.82	11	0.78	4	0.00	0	0.00	0	0.49	2
June ...	1.20	5	2.13	7	4.53	6	2.75	9	1.62	4	2.66	9	0.45	1	1.36	3	9.88	13	1.61	5
July ...	1.46	3	2.14	4	0.40	3	3.29	5	1.38	5	1.51	4	1.64	3	2.32	5	1.83	6	3.58	7
August ...	0.50	2	1.15	4	6.13	4	1.80	5	0.79	2	5.24	9	0.55	3	1.16	3	3.24	3	0.09	1
September ...	0.45	3	0.48	2	3.63	8	0.32	3	0.67	2	1.01	4	0.69	2	2.37	6	1.10	1	3.65	8
October ...	2.00	4	2.01	4	2.32	7	3.03	6	2.76	8	4.28	11	2.24	8	3.04	8	1.56	5	2.06	8
November ...	0.60	2	3.13	10	1.35	3	2.04	6	0.79	4	3.56	7	4.41	9	2.84	8	2.45	7	1.38	4
December ...	0.50	2	7.96	12	2.70	4	3.10	5	5.57	13	1.77	6	2.86	3	7.31	11	12.35	18	2.32	5
TOTAL ...	16.03	50	24.44	58	53.26	76	28.17	64	40.46	67	35.04	100	25.56	58	23.88	65	44.20	80	25.81	70

Total Rainfall during ten years, 316.85 inches. Number of days Rain fell, 683. Annual mean, 31.68 inches; 69 days.

METEOROLOGY—continued.

Table No. VII.

TABLE OF RAINEALL IN QUEENSLAND, DURING THE YEAR 1874.

SHOWING the LATITUDE and LONGITUDE, and DISTANCE from SEA-COAST, of each STATION, the QUANTITY, and NUMBER of DAYS Rain fell, during each Month, and TOTAL RAINEALL.

NAME OF STATION.				LATITUDE, SOUTH.	LONGITUDE, EAST.	DISTANCE FROM SEA-COAST.	TOTAL FOR YEAR.		JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		
							Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	Wet Days.	Rain Fall.	
				°	'	Miles.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	No.	Inches.	
Stations on or within 10 miles of the sea-coast.	Beenleigh ...	...	...	27	49	155 8	10	71	33-20	10	7-40	5	3-83	8	5-16	7	6-70	4	0-80	6	1-20	8	2-60	1	0-22	3	0-80	6	0-85	6	1-59	7	2-05
	Brisbane ...	...	...	27	28	153 3	10	135	38-71	18	11-08	13	2-52	19	4-18	19	6-57	7	1-07	10	2-16	14	3-96	3	0-04	6	0-61	9	0-96	5	1-48	12	4-08
	Cleveland ...	...	...	27	32	155 18	Coast	64	29-77	15	7-35	6	1-60	9	3-55	11	7-93	4	1-87	6	2-17	4	2-30	0	0-00	0	0-00	0	0-00	2	1-42	7	2-38
	St. Helena ...	...	...	27	26	153 16	M. Bay	76	31-91	11	10-01	6	2-82	11	3-90	12	0-40	5	1-35	5	2-25	7	3-39	0	0-00	2	0-63	7	2-60	2	1-70	8	2-92
	Lytton ...	...	...	27	25	153 11	Coast	48	38-13	10	10-99	4	2-00	7	4-16	7	9-70	2	0-45	2	0-80	5	3-75	0	0-00	2	0-42	0	0-00	2	1-53	7	4-33
	Cabulure ...	...	...	27	7	152 55	5	76	44-39	13	15-01	9	2-79	8	4-91	16	7-82	3	1-31	3	1-93	6	3-07	0	0-00	3	0-75	5	0-93	3	1-35	7	4-52
	Cape Moreton ...	...	...	27	1	153 28	Coast	119	56-49	12	9-30	11	1-67	12	3-62	19	12-04	6	2-72	10	4-57	14	7-90	3	0-59	5	1-13	10	5-80	6	2-41	11	4-74
	Woody Island ...	...	...	25	21	152 57	Coast	129	43-41	18	10-24	13	1-54	19	3-66	16	6-84	8	1-75	11	2-53	14	6-31	4	0-24	4	4-07	8	1-10	3	1-26	11	3-87
	Sandy Cape... ..	...	...	24	48	153 25	Coast	146	63-46	20	14-77	14	1-44	20	9-36	20	9-56	7	1-16	9	4-26	15	7-29	5	0-66	5	6-39	11	0-77	5	1-92	15	5-88
	Gladstone ...	...	...	23	50	151 20	Coast	56	30-70	16	5-63	5	1-64	5	4-56	2	1-50	3	0-99	2	2-83	9	8-59	1	0-08	4	2-12	3	0-68	0	0-00	6	2-08
Stations exceeding 10 miles from the coast, but seaward of the coast range.	Keppel Bay... ..	...	...	23	28	151 4	Coast	33	38-19	6	13-50	3	4-30	7	4-40	1	0-70	1	0-50	1	2-30	5	8-16	1	0-10	2	2-50	2	0-75	1	0-28	3	0-70
	St. Lawrence ...	...	...	22	21	149 30	8	77	58-91	23	12-05	2	4-00	8	10-35	5	0-66	5	1-71	5	4-34	9	5-67	1	0-02	3	4-06	4	0-84	3	1-76	9	13-45
	Mackay ...	...	...	21	10	149 5	5	93	58-94	21	14-78	17	10-56	9	13-10	8	1-05	6	6-28	4	2-04	6	3-42	0	0-00	1	2-02	7	2-60	4	1-45	10	11-96
	Bowen ...	...	...	20	1	148 16	Coast	92	48-63	13	8-88	14	9-54	8	3-99	9	1-44	5	3-59	7	2-08	10	4-60	1	0-03	2	1-16	7	1-32	1	0-04	15	11-96
	Townsville ...	...	...	19	18	146 10	Coast	72	66-46	11	18-85	10	14-80	7	7-57	7	4-35	4	1-78	6	2-18	8	3-91	1	0-07	0	0-00	4	2-14	0	0-00	14	10-81
	Waterview ...	...	...	18	35	146 10	5	128	79-15	18	19-25	15	19-50	15	9-60	12	13-10	5	2-75	8	2-10	8	2-39	2	0-03	6	0-25	21	2-78	2	0-99	16	6-41
	Herbert River (Lower) ...	...	...	18	25	146 6	5	129	93-33	17	9-17	19	26-69	10	10-86	15	18-80	7	4-06	11	2-36	14	5-98	0	0-00	0	0-00	17	6-52	2	0-12	17	8-77
	Cardwell ...	...	...	18	6	146 0	Coast	102	98-87	17	22-04	17	22-21	11	5-20	15	22-00	7	1-64	5	1-93	9	5-35	0	0-00	2	0-10	5	2-95	3	2-40	11	13-05
	Cooktown ...	...	...	15	27	145 15	1	132	91-07	24	20-05	15	15-55	13	7-58	24	24-09	7	0-34	1	0-28	13	1-97	4	0-21	1	0-05	7	2-40	5	3-50	18	15-05
	Kimberley ...	...	...	17	28	141 0	Coast	78	46-80	23	11-48	15	9-61	6	0-88	11	8-93	0	0-00	1	0-02	4	2-36	0	0-00	0	0-00	2	2-27	6	5-05	10	6-20
Stations from the coast range inland.	Helidon ...	...	...	27	39	152 3	60	75	31-72	15	7-31	6	2-00	8	3-04	10	2-86	2	0-55	5	1-63	6	3-08	2	0-10	5	0-59	6	0-96	5	6-20	5	3-40
	Ipswich ...	...	...	27	38	152 48	28	81	27-49	20	6-36	7	2-90	7	2-47	13	3-57	2	0-43	6	1-92	6	2-70	0	0-00	3	0-67	7	0-72	4	2-89	6	2-86
	Goodna ...	...	...	27	36	152 56	21	74	29-28	18	8-18	10	3-65	11	3-48	15	4-92	1	0-05	5	1-83	3	2-38	0	0-00	3	0-37	1	0-22	2	1-65	5	2-50
	Enoggera Reservoir ...	...	...	27	27	152 55	16	99	34-10	16	9-92	9	3-22	15	3-52	18	5-73	7	1-33	5	1-93	8	2-85	0	0-00	3	0-40	8	0-80	2	1-85	8	2-55
	Gympie ...	...	...	26	12	152 38	30	66	38-75	11	7-27	6	2-48	4	2-82	9	8-79	5	2-03	4	1-99	12	3-68	1	1-20	1	0-30	5	2-46	2	1-50	6	4-23
	Maryborough ...	...	...	25	35	152 43	18	94	42-83	15	11-82	7	3-22	13	4-96	14	5-92	4	1-19	6	2-27	13	3-52	4	1-88	3	2-56	8	1-18	3	1-80	4	2-51
	Westwood ...	...	...	23	38	150 8	45	72	36-13	13	9-97	5	1-83	7	2-59	4	1-48	3	1-36	5	3-39	8	6-23	2	0-22	4	3-48	8	1-93	4	0-97	9	2-68
	Rockhampton ...	...	...	23	25	150 25	20	35	39-20	8	9-37	3	2-59	7	4-91	1	2-15	1	0-94	3	3-81	3	7-68	0	0-00	2	2-34	1	0-17	0	0-00	6	5-24
	Marlborough ...	...	...	22	57	150 1	40	58	43-56	8	7-37	2	1-60	10	9-32	5	1-40	3	1-69	3	3-07	5	4-53	0	0-00	3	3-13	5	0-91	4	3-04	10	7-50
	Bloomsbury ...	...	...	20	39	148 32	12	109	69-00	21	16-67	12	5-04	8	11-09	14	6-79	7	4-43	6	2-64	7	3-87	2	0-09	4	2-43	9	2-90	2	0-45	17	12-60
Stations from the coast range inland.	Stanthorpe ...	...	...	28	40	152 0	100	42	22-54	6	3-50	1	1-00	6	0-76	6	2-78	1	0-08	2	0-45	4	4-20	1	0-20	6	4-80	2	1-42	3	3-08	4	0-27
	Warwick ...	...	...	28	12	152 16	90	70	25-81	12	4-06	6	2-65	7	1-77	5	2-15	2	0-49	5	1-61	7	3-58	1	0-09	8	3-65	8	2-06	4	1-38	5	2-32
	Toowoomba ...	...	...	27	34	152 10	80	76	39-88	14	9-08	8	4-36	12	4-74	8	5-53	2	0-77	3	1-77	6	3-80	1	0-10	6	1-06	7	1-42	5	4-93	4	2-32
	Dalby ...	...	...	27	30	151 15	112	28	21-38	2	1-65	2	0-76	1	0-60	1	0-65	1	0-80	3	2-24	6	5-90	0	0-00	3	1-05	3	2-05	2	2-40	4	3-28
	Condamine ...	...	...	26	57	150 6	180	51	29-21	9	3-81	6	2-91	5	1-55	6	6-66	2	1-97	1	0-75	4	5-00	0	0-00	6	2-72	5	1-84	2	1-49	5	0-51
	Roma ...	...	...	26	37	148 42	230	39	26-14	5	4-01	7	2-65	2	1-10	2	2-32	1	0-83	5	1-34	8	6-28	2	0-22	0	0-00	1	1-20	3	2-73	3	3-46
	Charleville ...	...	...	26	35	146 6	350	43	25-42	11	9-70	3	1-68	7	4-17	6	1-50	0	0-00	1	0-77	5	3-40	0	0-00	1	0-20	2	1-70	2	0-62	5	1-68
	Gayndah ...	...	...	25	38	151 36	72	68	25-89	8	5-25	4	0-90	10	3-53	6	2-14	3	1-17	8	2-03	7	4-91	3	0-16	4	1-66	6	0-99	3	1-70	6	1-45
	Taroom ...	...	...	25	38	149 45	160	52	25-97	3	1-23	5	1-01	4	2-18	4	3-13	4	2-59	2	1-90	5	4-22	2	0-38	2	1-64	7	1-71	5	4-87	6	1-11
	Caamboon ...	...	...	25	1	150 25	105	50	28-64	4	3-30	2	0-50	5	2-78	2	0-95	3	2-07	2	2-35	6	3-60	3	0-58	4	4-44	2	2-95	5	3-38	8	1-74
Banana ...	...	...																													

METEOROLOGY—continued.

Table No. VIII.

METEOROLOGICAL OBSERVATIONS taken at BRISBANE, QUEENSLAND, in 1874.

Latitude, 27° 27' 32" South; Longitude, 153° 2' 40" East; distant from Sea-coast, 10 miles; height of Observatory above Mean Sea Level, 130 feet.

MAXIMUM TEMPERATURE of the AIR (in Shade), at BRISBANE, on each Day in the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	82·0	93·0	82·0	80·0	81·0	69·0	73·0	68·0	76·0	75·0	95·0	86·0
2	85·0	86·0	86·0	80·0	83·0	73·0	71·0	66·0	75·0	68·0	91·0	87·0
3	86·0	84·0	82·0	81·0	82·5	75·0	75·0	63·0	75·0	72·0	82·0	84·5
4	87·0	84·0	86·0	80·0	81·0	68·0	72·0	67·0	77·0	72·0	86·5	74·0
5	86·0	85·0	84·0	83·0	82·0	72·0	60·5	66·0	79·0	79·5	89·0	77·0
6	84·0	86·0	83·0	83·0	85·0	69·0	63·0	62·0	78·0	82·0	87·0	81·0
7	91·0	84·0	92·0	82·0	70·0	72·0	65·0	67·0	80·0	70·0	85·0	76·0
8	91·0	85·0	91·0	80·0	77·0	74·0	67·0	65·0	77·0	75·0	87·0	88·0
9	90·0	84·0	82·0	83·0	77·0	76·0	71·0	66·5	79·0	76·0	88·0	86·0
10	89·0	87·0	81·0	81·0	78·0	65·0	72·0	74·0	70·0	81·0	96·0	85·0
11	87·0	89·0	82·0	80·0	69·0	62·0	71·0	76·0	78·0	82·0	79·0	87·0
12	85·0	86·0	87·0	80·0	76·0	67·0	71·5	69·0	78·0	80·0	81·0	91·0
13	84·0	89·0	88·0	83·0	77·0	71·0	75·0	74·0	78·0	80·0	83·0	81·5
14	86·0	84·0	90·0	84·0	73·0	59·5	77·0	73·0	73·0	83·0	82·0	81·0
15	86·0	88·0	90·0	88·0	73·0	65·0	71·0	74·0	73·0	82·0	85·0	81·0
16	87·0	85·0	87·0	80·0	76·0	66·0	68·0	76·0	83·0	86·0	86·5	85·5
17	85·0	88·0	87·0	81·0	76·5	70·0	68·0	77·0	75·0	80·0	87·0	80·0
18	86·0	87·0	86·0	81·0	75·0	70·0	71·0	77·0	78·0	76·0	84·5	83·0
19	88·0	86·0	91·5	80·0	79·0	71·0	69·0	79·0	81·0	74·0	87·0	88·5
20	87·0	88·0	85·0	78·0	77·0	69·0	70·0	80·0	82·0	77·0	95·0	87·0
21	89·0	86·0	82·0	82·0	81·0	72·0	68·0	75·0	83·0	76·0	100·0	92·0
22	85·0	90·0	86·0	81·0	71·0	68·0	64·0	75·0	78·0	79·0	95·0	88·0
23	84·0	93·0	82·0	72·0	70·0	66·0	69·0	73·0	77·0	75·0	92·0	100·0
24	86·0	94·0	82·0	72·0	72·0	69·0	69·0	72·0	77·0	83·0	93·0	88·0
25	86·0	86·0	83·0	80·0	70·0	65·0	71·0	90·0	77·0	82·0	87·0	96·0
26	85·0	84·0	81·0	78·0	75·0	69·0	71·0	73·0	80·0	82·0	91·0	86·0
27	92·0	76·0	78·0	78·0	68·0	69·0	72·0	70·0	66·0	80·0	81·0	85·0
28	92·0	80·0	82·0	80·0	72·0	71·0	72·0	75·0	70·0	93·0	83·0	78·0
29	93·0	...	81·0	81·0	75·0	73·0	73·0	73·0	71·0	84·0	88·0	79·0
30	94·0	...	81·5	81·0	77·0	73·0	73·0	69·5	76·0	82·0	93·5	83·0
31	93·0	...	83·0	...	77·0	...	73·0	75·0	...	83·0	...	90·0
Mean of each month }	87·5	86·3	84·7	80·4	76·0	69·3	69·9	72·3	76·6	79·0	88·0	85·0

The highest readings, 100·0, were on November 21st and December 23rd; the lowest, 59·5, on June 14th.

Table No. IX.

MINIMUM TEMPERATURE of the AIR (in Shade), at BRISBANE, on each Day in the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	64·0	68·0	63·0	66·0	56·0	47·0	43·0	52·0	41·0	51·0	59·0	65·0
2	66·0	69·0	66·0	67·0	55·0	51·0	50·0	50·0	44·0	49·0	63·0	68·0
3	67·0	67·0	65·0	69·0	62·0	50·0	58·0	38·0	45·0	53·0	62·0	67·0
4	68·0	65·0	70·0	64·0	58·0	50·0	60·0	38·0	50·0	52·0	60·0	61·0
5	64·0	67·0	71·0	58·0	54·0	55·0	50·0	37·0	52·0	51·5	60·0	63·0
6	66·0	67·0	67·0	55·0	60·0	57·0	43·0	46·0	58·0	56·0	62·0	65·0
7	69·0	67·0	70·0	65·0	61·0	56·0	42·0	35·0	55·0	55·5	68·0	66·0
8	71·0	67·0	69·0	63·0	59·0	54·0	41·0	39·0	52·0	53·0	71·0	66·0
9	69·0	65·0	66·0	65·0	50·0	50·0	41·0	48·5	52·0	49·0	66·0	66·0
10	67·0	69·0	61·0	65·0	59·0	53·0	47·0	46·0	57·0	49·0	66·0	68·0
11	68·0	67·0	60·0	61·0	58·0	54·0	40·0	49·0	49·0	53·0	57·0	72·0
12	70·0	69·0	62·0	64·0	55·0	53·0	45·0	45·0	50·0	55·0	59·0	72·0
13	72·0	71·0	60·0	59·0	48·0	55·0	49·0	41·0	49·0	52·0	58·0	63·0
14	73·0	70·0	64·0	62·0	46·0	42·0	48·0	40·0	61·0	53·0	59·0	65·5
15	72·0	69·0	66·0	63·0	47·0	50·0	46·0	38·0	57·0	52·0	63·0	63·0
16	68·0	68·0	72·0	62·0	47·0	42·0	41·0	41·0	56·0	60·0	64·5	69·0
17	66·0	68·0	68·0	62·0	45·0	39·0	39·0	48·0	49·0	60·0	64·0	63·0
18	71·0	71·0	70·0	62·0	42·0	39·0	42·0	54·0	49·0	54·0	61·5	62·0
19	73·0	69·0	70·5	62·0	46·0	39·0	44·0	43·0	47·0	61·0	60·5	69·0
20	70·0	67·0	65·0	60·0	52·0	47·0	47·0	44·0	54·0	56·0	59·0	68·0
21	71·0	63·0	62·0	59·0	53·0	55·0	52·0	51·0	60·0	54·0	61·5	68·0
22	75·0	65·0	67·0	63·0	50·0	49·0	52·0	54·0	44·0	60·0	64·0	67·0
23	75·0	64·0	67·0	64·0	45·0	39·0	47·0	48·0	52·0	58·0	69·0	65·0
24	72·0	69·0	67·0	60·0	41·0	39·0	43·0	51·0	58·0	58·0	68·0	71·0
25	75·0	74·0	66·0	64·0	43·0	39·0	44·0	57·0	66·0	59·0	70·0	67·0
26	75·0	66·0	65·0	63·0	54·0	46·0	45·0	51·0	67·0	68·0	61·0	62·5
27	71·0	64·0	63·0	60·0	55·0	41·0	53·0	43·0	63·0	67·0	60·0	64·0
28	67·0	63·0	67·0	55·0	56·0	47·0	54·0	39·0	52·0	65·0	69·0	65·0
29	68·0	...	63·0	57·0	53·0	43·0	50·0	48·0	40·0	62·0	63·0	64·0
30	68·0	...	65·0	59·0	50·0	38·0	52·0	39·0	44·0	64·0	65·0	65·0
31	68·0	...	66·0	...	43·0	...	54·0	43·0	...	61·0	...	66·0
Mean of each Month }	69·7	67·4	65·9	61·9	51·7	47·3	47·1	45·0	52·4	56·4	63·2	66·0

The lowest reading, 35·0, was on the morning of August 7th; the highest, 75·0, on January 22nd, 23rd, 25th, and 26th.

METEOROLOGY—continued.

Table No. X.

MAXIMUM TEMPERATURE in Sun (Solar Radiation), at BRISBANE, on each Day during the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	105·0	121·0	108·0	100·0	99·0	95·0	98·0	84·0	102·0	108·0	127·0	119·0
2	109·0	112·0	114·0	106·0	105·0	94·0	99·0	83·0	102·0	82·0	126·0	120·0
3	108·0	112·0	109·0	104·0	104·0	101·0	103·0	83·0	103·0	97·0	117·0	112·0
4	119·0	116·0	110·0	99·0	106·0	89·0	82·0	92·0	106·0	96·0	121·0	85·5
5	115·0	115·0	104·0	107·0	111·0	94·0	70·0	92·0	109·0	109·0	123·0	90·0
6	116·0	118·0	107·0	104·0	110·0	85·0	88·0	83·0	101·0	110·0	120·0	112·0
7	120·0	123·0	114·0	109·0	88·0	91·0	82·0	90·0	102·0	94·0	115·0	83·0
8	125·0	118·0	113·0	101·0	98·0	102·0	91·0	87·0	100·0	102·0	119·0	116·0
9	120·0	115·0	109·0	100·0	99·0	105·0	99·0	90·0	101·0	103·0	122·0	115·0
10	117·0	125·0	108·0	104·0	103·0	88·0	95·0	97·0	83·0	110·0	128·0	114·0
11	123·0	118·0	111·0	102·0	74·0	66·0	99·0	98·0	103·0	110·0	109·0	115·0
12	122·0	115·0	115·0	105·0	99·0	86·0	103·0	86·0	105·0	110·0	110·0	119·0
13	101·0	121·0	121·0	109·0	101·0	98·0	98·0	95·0	109·0	110·0	119·0	110·0
14	113·0	111·0	120·0	105·0	102·0	65·0	101·0	97·0	108·0	115·0	119·0	110·5
15	117·0	117·0	121·0	107·0	96·0	87·0	98·0	96·0	92·0	114·0	116·0	111·0
16	114·0	115·0	118·0	103·0	101·0	88·0	92·0	99·0	110·0	117·0	120·0	117·0
17	110·0	118·0	121·0	100·0	102·0	95·0	94·0	107·0	88·0	105·0	119·0	102·0
18	117·0	129·0	120·0	103·0	101·0	92·0	94·0	102·0	106·0	107·0	118·0	115·0
19	106·0	127·0	119·0	104·0	104·0	93·0	89·0	104·0	106·0	102·0	113·5	121·0
20	117·0	120·0	119·0	98·0	104·0	89·0	98·0	102·0	112·0	109·0	124·5	120·0
21	117·0	117·0	107·0	104·0	103·0	87·0	97·0	103·0	111·0	110·0	131·0	122·0
22	101·0	124·0	115·0	105·0	99·0	87·0	79·0	103·0	102·0	115·0	125·0	120·0
23	96·0	122·0	110·0	92·0	95·0	87·0	89·0	100·0	105·0	99·0	120·0	123·0
24	103·0	125·0	107·0	90·0	96·0	91·0	92·0	101·0	109·0	122·0	123·0	122·0
25	114·0	122·0	99·0	102·0	95·0	82·0	97·0	112·0	99·0	117·0	98·0	128·0
26	130·0	106·0	100·0	98·0	97·0	92·0	100·0	92·0	107·0	115·0	121·0	122·0
27	130·0	98·0	97·0	100·0	88·0	85·0	87·0	92·0	72·0	113·0	110·0	115·0
28	104·0	105·0	106·0	99·0	92·0	95·0	95·0	100·0	102·0	125·0	116·0	98·0
29	91·0	...	104·0	102·0	98·0	96·0	92·0	101·0	97·0	119·0	117·0	90·0
30	108·0	...	104·0	105·0	102·0	99·0	98·0	93·0	106·0	115·0	121·0	107·0
31	122·0	...	110·0	...	103·0	...	69·0	101·0	...	118·0	...	116·0
Mean of each Month	113·2	117·3	111·0	102·2	99·2	90·1	92·5	95·6	101·9	108·9	118·9	111·9

The highest reading, 131°, was on November 21st; the lowest, 65°, on June 14th.

Table No. XI.

MINIMUM TEMPERATURE of the Air, at BRISBANE (taken on Grass), on each Day in the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	57·0	61·0	63·0	63·0	54·0	44·0	42·0	48·0	37·0	51·0	57·0	66·0
2	60·0	61·0	64·0	65·0	53·0	49·0	50·0	47·0	40·0	47·0	64·0	69·0
3	61·0	61·0	63·0	70·0	56·0	48·0	57·0	36·0	43·0	50·0	61·0	71·5
4	60·0	60·0	68·0	64·0	55·0	49·0	60·0	36·0	46·0	51·0	60·0	61·0
5	59·0	61·0	71·0	57·0	53·0	54·0	47·0	35·0	49·0	50·0	60·0	63·0
6	61·0	61·0	67·0	55·0	60·0	53·0	40·0	46·0	55·0	55·0	62·0	65·0
7	62·0	60·0	70·0	62·0	60·0	54·0	40·0	33·0	48·0	56·0	68·0	66·0
8	65·0	61·0	68·0	62·0	57·0	51·0	40·0	34·0	46·0	51·0	72·0	65·0
9	64·0	57·0	65·0	64·0	50·0	46·0	41·0	46·0	47·0	48·0	65·0	65·0
10	62·0	61·0	59·0	63·0	60·0	53·0	43·0	44·0	55·0	49·0	67·0	68·0
11	62·0	61·0	58·0	60·0	58·0	54·0	40·0	48·0	46·0	52·0	58·0	70·0
12	66·0	62·0	59·0	64·0	55·0	52·0	44·0	41·0	48·0	54·0	59·0	70·0
13	66·0	63·0	58·0	56·0	45·0	56·0	46·0	36·0	47·0	51·0	58·0	62·0
14	66·0	63·0	62·0	60·0	44·0	40·0	46·0	39·0	58·0	54·0	59·0	64·5
15	66·0	61·0	64·0	62·0	45·0	46·0	43·0	34·0	54·0	52·0	61·5	61·0
16	61·0	60·0	70·0	60·0	46·0	59·0	40·0	40·0	58·0	57·0	63·5	75·0
17	61·0	60·0	68·0	60·0	43·0	59·0	37·0	45·0	43·0	57·0	67·0	62·0
18	63·0	63·0	70·0	60·0	40·0	37·0	41·0	51·0	43·0	55·0	62·0	61·0
19	64·0	69·0	71·0	60·0	45·0	39·0	43·0	40·0	46·0	59·0	60·0	68·0
20	62·0	61·0	64·0	60·0	50·0	50·0	45·0	44·0	51·0	55·0	58·0	68·0
21	66·0	56·0	61·0	59·0	51·0	50·0	50·0	50·0	58·0	52·0	60·5	68·0
22	69·0	58·0	66·0	61·0	48·0	44·0	50·0	51·0	42·0	61·0	65·0	67·0
23	69·0	59·0	66·0	63·0	43·0	35·0	44·0	46·0	52·0	58·0	69·0	64·0
24	66·0	63·0	64·0	59·0	40·0	37·0	44·0	49·0	57·0	58·0	68·0	72·0
25	70·0	67·0	64·0	61·0	42·0	35·0	45·0	54·0	66·0	57·0	69·0	67·0
26	68·0	60·0	63·0	60·0	54·0	43·0	45·0	48·0	67·0	68·0	59·0	65·0
27	68·0	58·0	62·0	58·0	54·0	39·0	51·0	38·0	58·0	66·0	60·0	63·5
28	62·0	62·0	65·0	52·0	55·0	45·0	52·0	37·0	49·0	65·0	69·0	65·0
29	65·0	...	64·0	54·0	51·0	39·0	49·0	44·0	39·0	61·0	65·5	64·0
30	67·0	...	65·0	56·0	48·0	36·0	52·0	36·0	43·0	64·0	65·5	64·0
31	64·0	...	65·0	...	41·0	...	54·0	40·0	...	61·0	...	64·5
Mean of each Month	63·9	61·0	64·7	60·3	50·2	46·5	45·1	42·4	49·7	55·6	63·1	65·9

The lowest reading, 33°, was on the morning of August 7th; the highest, 75·0°, on December 16th.

METEOROLOGY—continued.

Table No. XII.

RANGE of TEMPERATURE (in Shade), at BRISBANE, for each Day in the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	18·0	25·0	19·0	14·0	25·0	22·0	30·0	16·0	35·0	24·0	36·0	21·0
2	19·0	17·0	20·0	13·0	23·0	22·0	21·0	16·0	31·0	19·0	28·0	19·0
3	19·0	17·0	17·0	12·0	20·5	25·0	17·0	25·0	30·0	19·0	20·0	17·5
4	19·0	19·0	16·0	16·0	23·0	18·0	12·0	29·0	27·0	20·0	26·5	13·0
5	22·0	18·0	13·0	25·0	23·0	17·0	10·5	29·0	27·0	28·0	29·0	14·0
6	18·0	19·0	16·0	28·0	25·0	12·0	20·0	16·0	20·0	26·0	25·0	16·0
7	22·0	17·0	22·0	17·0	9·0	16·0	23·0	32·0	25·0	24·5	17·0	10·0
8	20·0	18·0	22·0	17·0	18·0	23·0	26·0	26·0	25·0	22·0	16·0	22·0
9	21·0	19·0	16·0	18·0	27·0	26·0	30·0	18·0	27·0	27·0	22·0	20·0
10	22·0	18·0	20·0	16·0	19·0	12·0	25·0	28·0	13·0	32·0	30·0	17·0
11	19·0	22·0	23·0	19·0	11·0	8·0	31·0	27·0	29·0	29·0	22·0	15·0
12	15·0	17·0	25·0	16·0	21·0	14·0	26·5	24·0	28·0	25·0	22·0	19·0
13	12·0	18·0	28·0	24·0	29·0	16·0	26·0	33·0	29·0	28·0	25·0	18·5
14	13·0	14·0	26·0	22·0	27·0	17·5	29·0	33·0	12·0	30·0	23·0	15·5
15	14·0	19·0	24·0	25·0	26·0	15·0	27·0	36·0	16·0	30·0	22·0	18·0
16	19·0	17·0	15·0	18·0	29·0	24·0	27·0	35·0	27·0	26·0	22·0	16·5
17	19·0	20·0	29·0	19·0	31·5	31·0	31·0	29·0	26·0	20·0	23·0	17·0
18	15·0	16·0	16·0	19·0	33·0	31·0	29·0	23·0	29·0	22·0	23·0	21·0
19	15·0	17·0	21·0	18·0	33·0	32·0	25·0	36·0	34·0	13·0	26·5	19·5
20	17·0	21·0	20·0	18·0	25·0	22·0	23·0	36·0	28·0	21·0	36·0	19·0
21	18·0	23·0	20·0	23·0	23·0	17·0	16·0	24·0	23·0	22·0	38·5	24·0
22	10·0	25·0	19·0	18·0	21·0	19·0	12·0	21·0	34·0	19·0	31·0	21·0
23	9·0	29·0	15·0	8·0	25·0	27·0	22·0	25·0	25·0	17·0	23·0	35·0
24	14·0	25·0	15·0	12·0	31·0	30·0	26·0	21·0	19·0	25·0	25·0	17·0
25	11·0	12·0	17·0	16·0	27·0	26·0	27·0	33·0	11·0	23·0	17·0	29·0
26	10·0	18·0	16·0	15·0	21·0	23·0	26·0	22·0	13·0	14·0	30·0	23·5
27	21·0	12·0	15·0	28·0	13·0	28·0	19·0	27·0	9·0	13·0	21·0	21·0
28	25·0	17·0	15·0	25·0	16·0	24·0	18·0	36·0	18·0	28·0	14·0	13·0
29	25·0	...	18·0	24·0	22·0	30·0	23·0	25·0	31·0	22·0	22·0	15·0
30	26·0	...	16·5	22·0	27·0	35·0	21·0	30·5	32·0	18·0	28·5	18·0
31	25·0	...	17·0	...	34·0	...	9·0	32·0	...	22·0	...	24·0
Mean of each Month	17·8	18·9	19·2	18·8	24·3	22·1	22·8	27·2	24·4	22·8	24·8	19·0

The greatest range of temperature during one day, 38·5°, was on November 21st; the least, 8·0°, on April 23rd.

Table No. XIII.

READINGS of the BAROMETER, at BRISBANE, at 9 a.m., for each Day during the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	30·170	30·011	30·026	30·136	29·914	30·151	30·314	29·917	30·329	30·319	30·033	30·043
2	30·180	30·050	30·054	30·028	29·820	30·392	30·261	30·062	30·340	30·355	30·173	30·052
3	30·152	29·970	30·070	30·155	29·747	30·451	30·224	30·162	30·275	30·304	30·162	30·077
4	30·109	30·026	29·969	30·949	29·840	30·432	30·059	30·113	30·229	30·220	30·162	30·120
5	30·003	30·024	29·960	20·943	30·026	30·366	30·100	30·139	30·135	30·129	30·094	30·080
6	29·950	30·009	29·859	30·054	30·021	30·327	30·091	30·153	30·003	30·248	30·064	30·014
7	29·920	29·970	29·950	30·197	30·032	30·269	30·189	30·139	30·037	30·386	30·021	29·942
8	29·859	29·955	30·097	30·244	30·095	30·116	30·338	30·024	30·061	30·356	30·003	29·980
9	29·908	29·934	30·088	30·240	30·149	30·193	30·209	30·111	30·192	30·313	29·799	30·008
10	29·916	30·003	30·049	30·242	30·150	30·139	30·197	30·135	30·097	30·264	29·912	29·918
11	29·964	29·989	29·952	30·198	30·058	30·046	30·261	30·072	29·959	30·282	30·000	29·812
12	29·975	29·957	29·809	30·178	29·983	30·046	30·076	30·018	29·972	30·318	30·033	29·875
13	29·931	29·927	29·890	30·093	30·021	29·970	29·947	30·050	30·107	30·292	30·049	30·015
14	29·894	29·962	29·985	30·070	30·017	29·906	29·923	30·117	29·988	30·223	30·022	29·932
15	29·912	29·975	30·015	30·196	29·977	29·938	30·101	30·178	29·956	30·142	30·007	29·933
16	29·918	29·964	30·065	30·229	29·995	30·152	30·239	30·167	30·018	30·283	30·150	29·917
17	29·906	29·904	30·117	30·235	30·020	30·244	30·370	30·145	30·028	30·349	30·016	29·955
18	29·856	29·790	30·038	30·269	29·966	30·280	30·441	30·127	30·111	30·364	29·891	29·917
19	29·962	29·790	30·026	30·268	30·146	30·255	30·408	30·243	29·986	30·378	29·956	29·945
20	29·996	29·991	30·096	30·203	29·994	30·095	30·361	30·270	29·715	30·301	29·954	29·839
21	29·893	29·874	30·104	30·169	30·107	29·964	30·412	30·205	29·668	30·201	29·991	29·916
22	29·886	29·894	30·046	30·198	30·113	30·108	30·424	30·235	30·005	30·222	29·993	29·952
23	29·840	29·883	30·035	30·073	30·215	30·192	30·390	30·175	30·120	30·193	29·981	29·858
24	29·972	29·892	30·052	29·979	30·293	30·126	30·308	29·829	30·119	30·129	30·092	29·733
25	29·775	29·813	30·136	30·003	30·355	30·059	30·278	29·823	29·996	30·034	29·956	29·962
26	29·770	29·980	30·188	29·996	30·394	29·972	30·243	29·879	29·844	30·000	30·136	30·148
27	29·913	30·101	30·124	30·112	30·385	30·104	30·227	30·040	29·763	29·943	30·058	30·076
28	29·804	30·090	30·099	29·947	30·253	30·173	30·185	30·088	29·945	30·133	29·880	30·006
29	29·669	...	30·191	29·866	30·145	30·248	30·165	30·020	30·144	30·190	29·902	29·873
30	29·722	...	30·248	29·944	30·070	30·308	30·104	30·156	30·182	30·094	30·010	29·744
31	29·844	...	30·278	...	30·085	...	29·684	30·171	...	30·072	...	29·703
Mean of each Month	29·922	29·955	30·052	30·114	30·077	30·167	30·211	30·095	30·044	30·227	30·016	29·946

The highest reading, 30·451 inches, was on June 3rd, and the lowest, 29·668 inches, on September 21st.
The readings are corrected to 32° Fahrenheit, and reduced to mean sea level.

METEOROLOGY—continued.

Table No. XIV.

RAINFALL at BRISBANE, for each Day during the Year 1874.

Day of Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
2	...	...	0·01	0·20	...	...	...	...	...	0·10	...	...
3	0·02	...	0·01	0·29	...	...	...	...	...	0·02	...	...
	0·02	...	...	0·75	...	0·06	0·05	...	...	0·19	...	0·04
5	...	0·09	1·20	0·60	...	0·10	0·22	...	...	0·04	...	0·20
6	...	...	0·10	...	...	...	0·80	...	...	0·04	...	0·03
7	...	0·10	0·01	0·15	0·83	...	...	...	...	0·52	...	0·50
8	...	0·09	...	...	...	0·01	...	...	...	...	...	0·70
9	0·12	...	0·02	0·04	...	...	...	...	...	...	...	0·01
10	...	...	0·08	0·03	0·05	...	...	...	0·03	...	...	...
11	...	...	...	0·22	0·03	0·68	...	0·01	0·01	...	...	...
12	0·02	0·08	...	0·01	0·01	0·20	...	...	...	...	...	1·30
13	2·00	0·10	...	...	...	0·82	0·03	...	...	...	...	...
14	0·25	0·12	...	...	...	0·15	0·01	...	0·01	...	...	...
15	0·04	...	...	0·45	...	...	0·09	...	...	...	...	...
16	...	0·11	...	...	...	...	...	...	...	...	...	...
17	...	0·02	0·05	...	...	...	...	...	...	...	0·04	0·02
18	...	...	0·07	0·02	...	...	...	...	...	...	0·55	...
19	...	0·20	0·02	0·01	...	...	0·04	...	...	...	...	...
20	...	...	0·32	0·26	...	...	0·06	...	...	...	...	0·14
21	0·25	...	...	0·03	...	0·09	...	...	...	...	...	...
22	1·90	...	...	0·91	...	...	0·30	0·02	...	...	...	...
23	0·70	...	0·01	2·00	...	...	0·01	...	...	0·03	...	...
24	0·61	...	0·74	0·55	...	...	...	...	...	...	0·07	...
25	0·55	0·52	0·85	0·04	...	...	0·01	0·01	0·11	...	0·80	...
26	0·60	0·63	0·08	0·01	...	0·02	...	...	0·02	...	0·02	...
27	0·07	0·35	0·10	...	0·11	...	0·01	...	0·43	...	...	...
28	0·73	0·11	...	...	0·02	0·03	...	...	...	...	...	0·49
29	0·86	...	0·08	...	0·08	...	...	...	...	...	...	0·59
30	1·70	...	0·08	...	...	...	0·02	...	...	0·01	...	0·06
31	0·64	...	0·35	...	...	...	2·31	...	...	0·01	...	...
Total in each Month...	11·08	2·52	4·18	6·57	1·07	2·16	3·96	0·04	0·61	0·96	1·48	4·08
Number of Days on } which rain fell }	18	13	19	19	7	10	14	3	6	9	5	12

Total Rainfall of the year, 38·71 inches. Rain fell on 135 days. The maximum fall during 24 hours, 2·31 inches, was on July 31st.

For further information as to the Rainfall of Queensland, see Tables Nos. IV., V., and VI., also the general Table No. VII.

EDMUND MAC DONNELL,

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